MARITIME HERITAGE MINNESOTA

Log Book 55 of the USS Essex

April 1, 1913 – September 30, 1913

The Day-to-Day Operations of Shipbuilder Donald McKay's Last Ship

USS Essex (right) and USS Dorothea (left) were part of the escort of USS Niagara (middle) during the Perry Centennial around the Great Lakes in 1913 (Courtesy Library of Congress)

Transcribed by Ann Merriman and Christopher Olson
Proofread by Betty Lloyd

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CLEAN WATER LAND & LEGACY AMENDMENT

MINNESOTA HISTORICAL & CULTURAL HERITAGE GRANTS

[*Transcriber's Note: USS* Essex *was not a Torpedo Boat; however, the Naval Militia was instructed to use Torpedo Boat log books on occasion*]

<DEPARTMENT OF THE NAVY> [*in department seal*]
<BUREAU OF EQUIPMENT> [*in department seal*]
<N. Eq. 36>

<120828>
[*stamped in ink*]

<TORPEDO BOAT LOG BOOK>

<*U. S. S.*> Essex

<*From*> April 1st 1913 <*to*> Sept 30th 1913

[Transcribed by Ann Merriman and Christopher Olson]
[Proofread by Betty Lloyd]

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MINNESOTA HISTORICAL &
CULTURAL HERITAGE GRANTS

<TORPEDO BOAT LOG BOOK>

<U. S. S.> Essex –

<COMMANDED BY>

Anthony F. Nicklett O[hio]. N[aval]. M[ilitia]. <, U. S. N.,>

<FROM> April 1$^{\underline{st}}$ 1913.

<TO> Sept. 30$^{\underline{th}}$ 1913

<LOG OF THE U. S. S.> Essex <, AT> Toledo O[hio]
<FOR THE WEEK ENDING> [*blank in MS*] <, 19> [*blank in MS*]

<DAY.>	<REMARKS.>
<SUNDAY.>	
<MONDAY.>	
April 1st 1913 <TUESDAY.>	Carried out daily routine
2. <WEDNESDAY.>	Carried out daily routine

<LOG OF THE U. S. S.> Essex <, AT> Toledo O[hio].
<FOR THE WEEK ENDING> April 5th <, 19> 13.

<DAY.>	<REMARKS.>
	Carried out daily routine
<THURSDAY.> 3	
	Carried out daily routine
<FRIDAY.> 4	
	Carried out daily routine
<SATURDAY.> 5	

Examined and approved:

Anthony F Nicklett

Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [*stamped in ink*] <, *U. S. Navy.*>

<LOG OF THE U. S. S.> Essex <, AT> Toledo. O[hio].
<FOR THE WEEK ENDING> [*blank in MS*] <, 19> [*blank in MS*]

<DAY.>   <REMARKS.>

Carried out daily routine

<SUNDAY.>
6

Carried out daily routine

<MONDAY.>
7

Carried out daily routine

<TUESDAY.>
8

Carried out daily routine
Cleaning ship. Wash down gun & spar deck.

<WEDNESDAY.>
9

<LOG OF THE U. S. S.> Essex <, AT> Toledo. O[hio].
<FOR THE WEEK ENDING> April 12$^{\underline{th}}$ <, 19> 13.

<DAY.>   <REMARKS.>

Carried out daily routine.
Started scrubbing ships side.

<THURSDAY.>
10

Carried out daily routine
Scrubbing ships side

<FRIDAY.>
11

Worked all hand in Engine room preparing to get out of Winter Quarters.

<SATURDAY.>
12

Examined and approved:

Anthony F Nicklett

Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [*stamped in ink*] <, *U. S. Navy.*>

5

<LOG OF THE U. S. S.> Essex <, AT> Toledo O[hio].
<FOR THE WEEK ENDING> [*blank in MS*] <, 19> [*blank in MS*]

<DAY.>	<REMARKS.>
	All hands working in Engine room.
<SUNDAY.> 13	
	Carried out daily routine. Prepared to leave Ironville for city anchorage
<MONDAY.> 14	
	Carried out daily routine. Got under way 3 PM. Anchored off of Greenwood Av. 4^{30} PM Used port anchor 15 fathoms Chain. Put out Stern lines.
<TUESDAY.> 15	
	Carried out daily routine dug hole in beach for brest [sic[lines. Put out Port quarter Brest [sic] lines
<WEDNESDAY.> 16	

<LOG OF THE U. S. S.> Essex <, AT> Toledo. O[hio].
<FOR THE WEEK ENDING> April 19th <, 19> 13

<DAY.>	<REMARKS.>
	Carried out daily routine
	Dug hole for bow brest [sic] Line. put out Same.
	Hauled Ship Astern Verring [Veering] out 10 fathoms Chain.
	and secured Ship. Caulked Punt.
<THURSDAY.> 17	
	Carried out daily routine
	Scrubbing ships side made preparations to receive boats
	from Flood district
<FRIDAY.> 18	
	Washed down spar & Gun deck
	Cleaned out ward Room.
<SATURDAY.> 19	

Examined and approved:

Anthony F Nicklett
Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [*stamped in ink*] <, *U. S. Navy.*>

<LOG OF THE U. S. S.> Essex <, AT> Toledo O[hio].
<FOR THE WEEK ENDING> [*blank in MS*] <, 19> [*blank in MS*]

<DAY.>	<REMARKS.>
	Sunday routine
<SUNDAY.> 20	
	Carried out daily routine. Boats arrived from flood district.
<MONDAY.> 21	
	Carried out daily routine. Launched boats from flat Cars, with crane.
<TUESDAY.> 22	
	Carried out daily routine Boats returned to ship Hoisted Same Except Cutter & Dinghy.
<WEDNESDAY.> 23	

<LOG OF THE U. S. S.> Essex. <, AT> Toledo O[hio].
<FOR THE WEEK ENDING> April 26 <, 19> 13

<DAY.>   <REMARKS.>

Carried out daily routine
Scrubbing Ships Side Painting Port side.

<THURSDAY.>
24

Carried out daily routine
Scrubbing & Painting Ships side

<FRIDAY.>
25

Wash down spar & gun deck
Cleaned out Ward Room & Berth deck

<SATURDAY.>
26

Examined and approved:

Anthony F Nicklett
Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [*stamped in ink*] <, *U. S. Navy.*>

<LOG OF THE U. S. S.> Essex <, AT> Toledo O[hio]
<FOR THE WEEK ENDING> [*blank in MS*] <, 19> [*blank in MS*]

<DAY.>	<REMARKS.>
	Sunday routine.
<SUNDAY.> 27	
	Carried out daily routine Scrubbing & Painting Ship's side
<MONDAY.> 28	
	Carried out daily routine Scrubbing & Painting ship's Side.
<TUESDAY.> 29	
	Carried out daily routine Scrubbing & Painting Ship's Side.
<WEDNESDAY.> 30	

<LOG OF THE U. S. S.> Essex. <, AT> Toledo O[hio]
<FOR THE WEEK ENDING> May 3rd <, 19> 13

<DAY.>   <REMARKS.>

Carried out daily routine

Scrubbing & Painting Ships Side

<THURSDAY.>
May 1st

Carried out daily Routine

<FRIDAY.>   Scrubbing & Painting ships side
2
Finished painting on Port Side

Scrubbed down gun & Spar deck

<SATURDAY.>   Cleaned out Ward Room.
3

Examined and approved:

Anthony F Nicklett
Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [*stamped in ink*] <, *U. S. Navy.*>

<LOG OF THE U. S. S.> Essex <, AT> Toledo O[hio]
<FOR THE WEEK ENDING> [*blank in MS*] <, 19> [*blank in MS*]

<DAY.>	<REMARKS.>
	Sunday Routine.
<SUNDAY.> 4	
	Carried out daily routine.
<MONDAY.> 5	Scrubbing Paint work Starboard side. & Spar deck.
	Carried out daily routine.
<TUESDAY.> 6	Scrubbing & Painting Stb [Starboard] Side.
	Carried out daily routine
<WEDNESDAY.> 7	Scrubbing & Painting Stb [Starboard] Side

<LOG OF THE U. S. S.> Essex <, AT> Toledo O[hio].
<FOR THE WEEK ENDING> May 10th <, 19> 13.

<DAY.>	<REMARKS.>
	Carried out daily routine
	Opened all Hatches Stowed away winter Gear.
<THURSDAY.> 8	
	Carried out daily routine
<FRIDAY.> 9	Painting boats.
	Washed down Spar & Gun deck
<SATURDAY.> 10	Cleaned Ward Room.

Examined and approved:

Anthony F Nicklett

Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [*stamped in ink*] <, *U. S. Navy.*>

<LOG OF THE U. S. S.> Essex. <, AT> Toledo O[hio].
<FOR THE WEEK ENDING> [*blank in MS*] <, 19> [*blank in MS*]

<DAY.>	<REMARKS.>
	Sunday Routine.
<SUNDAY.> 11	
	Carried out daily routine.
<MONDAY.> 12	Put Stb [Starboard] Anchor on deck
	Scrubbing paint work. Fixing canvas on bow. Repaired Bill board.
	Carried out daily routine
<TUESDAY.> 13	Continued work on bow & Bill board
	Continued painting ships side
	Carried out daily routine
<WEDNESDAY.> 14	Finished painting Stb [Starboard] Side Ship
	Cleaning out cutter

<LOG OF THE U. S. S.> Essex <, AT> Toledo O[hio].
<FOR THE WEEK ENDING> May 17th <, 19> 13

<DAY.>	<REMARKS.>
	Carried out daily routine
	Painting Cutter.
<THURSDAY.> 15	
	Carried out daily routine
<FRIDAY.> 16	Cleaned berth & Orlop deck
	finished Painting Cutter.
	Washed down Spar & Gun deck
<SATURDAY.> 17	Cleaned out Ward Room.

Examined and approved:

Anthony F Nicklett

Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [*stamped in ink*] <, *U. S. Navy.*>

<LOG OF THE U. S. S.> Essex. <, AT> Toledo O[hio]
<FOR THE WEEK ENDING> [*blank in MS*] <, 19> [*blank in MS*]

<DAY.>	<REMARKS.>
	Sunday Routine
<SUNDAY.> 18	
	Carried out daily routine.
<MONDAY.> 19	Scrubbed Spars & Paint work on Spar deck
	Carried out daily routine
<TUESDAY.> 20	finished scrubbing Spars. Scrubbing paint work on Spar deck
	Also Scraping Smoke pipe Seaman Carroll. restricted to Ship for Today by Order of C[ommanding]. O[fficer]. for disobediance [sic] & over staying shore leave.
	Carried out daily routine.
<WEDNESDAY.> 21	Scrubbing paint work on spar deck
	Scraping Smoke Pipe

<LOG OF THE U. S. S.> Essex <, AT> Toledo Ohio
<FOR THE WEEK ENDING> May 24th <, 19> 13.

<DAY.>	<REMARKS.>
	Carried out daily routine
	Scrubbing paint work on Spar deck
<THURSDAY.> 22	Scraping Smoke Pipe
	Carried out daily routine
<FRIDAY.> 23	Went after stores & Stowed same away.
	Finished scraping smoke Pipe.
	Washed down Spar & Gun deck
<SATURDAY.> 24	Red Leaded Smoke Pipe.

Examined and approved:

Anthony F Nicklett

Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [*stamped in ink*] <, *U. S. Navy.*>

<LOG OF THE U. S. S.> Essex. <, AT> Toledo O[hio]
<FOR THE WEEK ENDING> [*blank in MS*] <, 19> [*blank in MS*]

<DAY.>	<REMARKS.>
	Sunday routine.
<SUNDAY.> 25	
	Carried out daily routine
<MONDAY.> 26	Raining – Cleaned Ward Room.
	Tested Hand pump found Same working Condition
	Carried out daily routine.
<TUESDAY.> 27	Cleaned out berth deck
	Went for stores.
	Carried out daily routine
<WEDNESDAY.> 28	Stowed away all stores
	Started painting spars & Smoke Pipe.

<LOG OF THE U. S. S.> Essex <, AT> Toledo Ohio
<FOR THE WEEK ENDING> May 31st <, 19> 13.

<DAY.>	<REMARKS.>
	Carried out daily routine
	Painting spars & Smoke Pipe
<THURSDAY.> 29	
	Holiday
	Hoisted ensign & Jack half mast 430 A M. Mast headed Ensign.
	& Jack at 12 Noon. By Order C[ommanding]. O[fficer].
<FRIDAY.> 30	
	Washed down Gun & spar deck
<SATURDAY.> 31	Painting Smoke Pipe. -----------------

Examined and approved:

Anthony F Nicklett
Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [*stamped in ink*] <, *U. S. Navy.*>

<LOG OF THE U. S. S.> Essex <, AT> Toledo O[hio]
<FOR THE WEEK ENDING> [*blank in MS*] <, 19> [*blank in MS*]

<DAY.>	<REMARKS.>
	Sunday routine.
<SUNDAY.> 1	
	Carried out daily routine
<MONDAY.> 2	Painting Spar Color on spar deck Scraping Ventelator [sic].
	Carried out daily routine.
<TUESDAY.> 3	Painting Spar color on Spar deck. Scraped Ventelators [sic] & red lead Same.
	Carried out daily routine.
<WEDNESDAY.> 4	Painted Ventelators [sic].
	Continued painting spar color on spar deck

<LOG OF THE U. S. S.> Essex <, AT> Toledo O[hio]
<FOR THE WEEK ENDING> June 7$^{\underline{th}}$ <, 19> 13.

<DAY.>	<REMARKS.>
	Carried out daily routine.
	Continued painting Spar color on spar deck
	Tested hand pumps. found same in good working order.
<THURSDAY.>	
5	C[ommanding]. O[fficer]. granted seaman Carroll. 24 hrs leave.
	Carried out daily routine
	Went for stores. painting spar color on spar deck.
<FRIDAY.>	
6	
	Washed down gun & spar deck.
<SATURDAY.>	
7	

Examined and approved:

Anthony F Nicklett

Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [*stamped in ink*] <, *U. S. Navy.*>

<LOG OF THE U. S. S.> Essex <, AT> Toledo O[hio]
<FOR THE WEEK ENDING> [*blank in MS*] <, 19> [*blank in MS*]

<DAY.>	<REMARKS.>
	Sunday routine.
<SUNDAY.> 8	
	Carried out daily routine.
<MONDAY.> 9	Put canvas on bow. & bow sprit painting Hatches on Spar deck painted bridge deck Scrubbed boats.
	Carried out daily routine Finished scrubbing boats. Took off Old. Sea Ladder.
<TUESDAY.> 10	
	Carried out daily routine. Scrubing [sic] ships side
<WEDNESDAY.> 11	

<LOG OF THE U. S. S.> Essex <, AT> Toledo Ohio
<FOR THE WEEK ENDING> June 14th <, 19> 13.

<DAY.>   <REMARKS.>

Carried out daily routine.
Continued scubing [sic] ships side

<THURSDAY.>
12

Carried out daily routine.
Scrubing [sic] ship sides

<FRIDAY.>
13

Carried out daily Routine.
Scubing [sic] gun & Spar deck

<SATURDAY.>
14.

Examined and approved:

Anthony F Nicklett
Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [*stamped in ink*] <, *U. S. Navy.*>

<LOG OF THE U. S. S.> Essex <, AT> Toledo O[hio]
<FOR THE WEEK ENDING> [*blank in MS*] <, 19> [*blank in MS*]

<DAY.>	<REMARKS.>
	Sunday routine.
<SUNDAY.> 15	
	Carried out daily routine. Painting ships side
<MONDAY.> 16	
	Carried out daily routine Painting ship side
<TUESDAY.> 17	
	Carried out daily routine Painting Ships Sides
<WEDNESDAY.> 18	

<LOG OF THE U. S. S.> Essex. <, AT> Toledo Ohio
<FOR THE WEEK ENDING> June 21st <, 19> 13.

<DAY.>	<REMARKS.>
	Carried out daily routine.
	Finished painting ships sides
<THURSDAY.> 19	
	Carried out daily routine.
	Painting Water line Stb [Starboard] Side
<FRIDAY.> 20	
	Washed down Spar & Gun decks
<SATURDAY.> 21	

Examined and approved:

Anthony F Nicklett

Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [*stamped in ink*] <, *U. S. Navy.*>

<LOG OF THE U. S. S.> Essex <, AT> Toledo O[hio]
<FOR THE WEEK ENDING> [*blank in MS*] <, 19> [*blank in MS*]

<DAY.>	<REMARKS.>
	Sunday routine
<SUNDAY.> 22	
	Carried out daily routine. painting Port water line Took off Port sea ladder
<MONDAY.> 23	
	Carried out daily routine. Painting boats inside
<TUESDAY.> 24	
	Carried out daily routine. Painting boats inside
<WEDNESDAY.> 25	

<LOG OF THE U. S. S.> Essex. <, AT> Toledo O[hio].
<FOR THE WEEK ENDING> June 28th <, 19> 13.

<DAY.>	<REMARKS.>
	Carried out daily routine Painting boats inside
<THURSDAY.> 26	
	Carried out daily routine fitting out small boats
<FRIDAY.> 27	
	Scrubed [sic] down gun & Spar deck
<SATURDAY.> 28	

Examined and approved:

Anthony F Nicklett

Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [*stamped in ink*] <, *U. S. Navy.*>

<LOG OF THE U. S. S.> Essex. <, AT> [*blank in MS*]
<FOR THE WEEK ENDING> [*blank in MS*] <, 19> [*blank in MS*]

<DAY.>	<REMARKS.>
<SUNDAY.> 29	Sunday routine Hoisted damaged cutter
<MONDAY.> 30	Carried out daily routine. Preparing to get underway to go to coal dock at [*sentence ends*].
July 1st <TUESDAY.>	Carried out daily routine. Placed ship in commission Coaling ship Put damaged cutter on dock
<WEDNESDAY.> 2	Carried out daily routine Finished coaling ship. Comdr. Stone US .N. came aboard. Naval reserves. reported on board. at 10 PM.

<p style="text-align:center"><LOG OF THE U. S. S.> Essex. <, AT> [*blank in MS*]</p>
<p style="text-align:center"><FOR THE WEEK ENDING> July 5th <, 19> 13</p>

<DAY.>	<REMARKS.>
	Underway from Ironville dock 4^{30} AM. Terminal Bridge 4^{36} AM. Iner [sic] red can buoy 4$^{44\ 1/2}$ AM. Crib light 513 1/2 AM. Toledo Light 5^{39} AM. Carried out daily routine. Sent gig ashore 11^{05} AM Gig retrieved 12^{25} PM. Gig left 2^{20} PM. Power boat along side with Lt Gov. Nichols & party. at 4PM. Power boat with passengers 4^{45}. PM Gig along side in Tow P. Boat. 5^{18} PM. Hoisted gig Underway 5^{23} PM. Sent
<THURSDAY.> 3	passengers baggage. ashore. in gig & cutter. US.S. Dubuque came to anchor at 10^{30} PM. 500 Yds N[orth]. of Essex
	Daily Routine. Fleet dressed ship at colors. Mr Mead & Gunderson of Dubuque. came aboard. 10^{10} Capt Carmine of the [*Lot M.*] Morrill Came aboard. 10^{15} Capt McMunn. of Dubuque came aboard. at 12 Noon. fired nat. Salute. Hawk came to anchor 348 PM. Under way Sandusky 3^{05} PM. Comdr. Stone left Ship.
<FRIDAY.> 4	Gig returned 6^{25} PM.
	Daily Routine. Dubuque left Put [in] Bay 7^{35} A.M.
<SATURDAY.> 5	

<p style="text-align:center">Examined and approved:</p>
<p style="text-align:right">Anthony F Nicklett
Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [*stamped in ink*] <, *U. S. Navy.*></p>

<LOG OF THE U. S. S.> Essex <, AT> [*blank in MS*]

<FOR THE WEEK ENDING> [*blank in MS*] <, 19> [*blank in MS*]

<DAY.>	<REMARKS.>
	Underway. Carried out sea routine. Fire quarters 4^{18} P.M. Secured at 4^{28} PM.
<SUNDAY.> 6	
	Daily Routine. Morrill underway 846 AM. Began painting ships sides
<MONDAY.> 7	
	Daily Routine. 530 PM. Granted Liberty paty [sic] Shore Leave 20 Men. Seaman Douglass. returned from liberty – in an intoxicated condition Painting ship.
<TUESDAY.> 8	
	Daily Routine. Granted Liberty 20 Men 5^{30} PM. Sent Cox[swai]n Duddleston ashore on leave on account of death of sister " C[oal] P[asser]. Devenport ashore on account sickness of father Both left ship, PM.
<WEDNESDAY.> 9	Painting ship

<p style="text-align:center;"><LOG OF THE U. S. S.> Essex <, AT> [*blank in MS*]</p>
<p style="text-align:center;"><FOR THE WEEK ENDING> July 12th <, 19> 13.</p>

<DAY.>	<REMARKS.>
	Daily routine. Sent Dinghy to Wolverine for Ammunition 7^{15} AM Capt Stone & Kestner USN Came aboard 9^{25} AM.
	10^{35} AM. Capt Stone & Nicklett paid official call to Secy [Secretary] of Navy. Fired Salute 19 guns. Painting ship
<THURSDAY.> 10	
	Daily Routine. Painting ship
<FRIDAY.> 11	
	Daily Routine Finished Painting ship Sides
<SATURDAY.> 12	

Examined and approved:

Anthony F Nicklett

Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [*stamped in ink*] <, U. S. Navy.>

<div align="center">

<LOG OF THE U. S. S.> Essex <, AT> [*blank in MS*]
<FOR THE WEEK ENDING> [*blank in MS*] <, 19> [*blank in MS*]
</div>

<DAY.>	<REMARKS.>
	Sunday routine 8^{40} AM. Niagra [Niagara] Underway. 8^{55} Wolverine underway. 9^{30} A.M. Wolverine And Niagra [Niagara] Anchored
<SUNDAY.> 13	under lea [lee] of Presque Isl[e] Point. Essex underway 6^{25} PM. Wolverine & Nigara [Niagara] underway 7^{35} PM.
	Underway. Daily routine. Sea Smothe [Smooth]. 6^{25} AM. Anchored in 29 ft. water. 15 fms [fathoms] to Hawse Pipe Off Fairport O[hio].
	Underway 9^{56} AM. Moored at dock 12^{09} PM. at 6 PM fired Salute 21 guns.
<MONDAY.> 14	Cox[swai]n Duddleston Reported from leave. Mr Schwarzkopf left on leave. 20 Men granted Shore Leave.
	Daily routine. Took anchor aboard at cleveland [sic] for Niagra [Niagara]. Moored at dock at Lorain. O[hio]. 5^{30} PM. Fire quarters Secured. 5^{38} PM.
<TUESDAY.> 15	
	Daily Routine Moored at Dock Lorain O[hio]. Granted permission for visitors to visit ship from 9 A M to 5 P M. Granted shore leave. 20 Men.
<WEDNESDAY.> 16	

<LOG OF THE U. S. S.> Essex <, AT> [*blank in MS*]
<FOR THE WEEK ENDING> July 19th <, 19> 13.

<DAY.>	<REMARKS.>
	Daily Routine Piped side cleaners. 11^{40} A M Mr Schwartzkopf [sic] returned from leave. Cleared Ship of visitors 9^{40} PM.
<THURSDAY.> 17	
	Daily Routine Scrubed [sic] paint work. Cleared ship visitors 9^{40} PM.
<FRIDAY.> 18	
<SATURDAY.> 19	Daily Routine At 2 PM. O. D. [Officer on Deck] granted permission for swimming party All men having life preservers. At 2^{28} PM. Seaman King was seized with attack heart failure & sank in Black River. C[hief] B[oatswain's] M[ate]. Hayden USN with the aid of grapeling [sic] hooks succeded [sic] in brining [sic] King to surface at 2^{32} PM. Turned over to Life Savers who worked over him till 3^{32} PM at which time they succeeded. in restoring him to partial consciousness. Called Ambulance sent man to hospital 3^{35} PM. Engaged 3 Local. Physicians to look after him.

Examined and approved:

Anthony F Nicklett
Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [*stamped in ink*] <, *U. S. Navy.*>

<LOG OF THE U. S. S.> Essex. <, AT> [*blank in MS*]

<FOR THE WEEK ENDING> [*blank in MS*] <, 19> [*blank in MS*]

<DAY.>	<REMARKS.>
	Capt. Nicklett & Mr Dieball Spent Night at Hospital looking after Wants of Sea[man]. King.
	Underway. at 8$\underline{30}$ A. M. for Put in Bay. O[hio]. Anchored 1$\underline{35}$ P. M. Put in Bay Harbor.
	Capt Bolton of Dorothea & Paymaster Jacoby of Essex visited ship to day.
<SUNDAY.>	Capt. Nicklett detailed Mr Dieball to remain at Lorain to look after wellfare [sic] of Sea[man] King untill [sic]
20	The arrival of his Mother. 7 PM. granted shore leave to 1/2 Ships company.
	Daily Routine. At 12 noon fired salute 21 Guns had signal drill. Boat drill under Oars.
	Fire drill at 3 P M. Secured at 3$\underline{07}$ P M. Mr Dieball reported aboard fore [sic] duty at Lorain – O[hio].
	At Anchor Put in Bay O[hio].
<MONDAY.>	
21	
	Daily Routine At Anchor Put in Bay O[hio]. Signal Practice. Engineers Div taken out for Boat.
	drill under oars Painted Stb [Starboard] Side Spars & Stack.
	Shore leave for 1/2 Crew 530 P M.
<TUESDAY.>	
22	
	Daily Routine At Anchor Put in Bay. O[hio]. Painted port side ship.
	Shore leave for 1/2 crew at 5$\underline{30}$ PM.
<WEDNESDAY.>	
23	

<div align="center">

<LOG OF THE U. S. S.> Essex <, AT> [*blank in MS*]
<FOR THE WEEK ENDING> July 26th <, 19> 13

</div>

| <DAY.> | <REMARKS.> |

Regular routine. Boat drill in A M under oars. Under way at 2^{11} PM. for Naval Parade.
Came to Anchor 3. PM 5 1/2 fms [fathoms] Water. Veered chain to 15 fms [fathoms] to Waters Edge.
Shore leave for 1/2 crew 530 PM.

<THURSDAY.>
24

Regular Routine; Shore leave for 1/2 Crew 5^{30} PM

<FRIDAY.>
25

Regular Routine. Essex underway 8^{25} A M. Anchored at Monroe Piers at 11^{41} A M.
Dr Mulholand [sic] reported on board.

<SATURDAY.>
26

<div align="center">

Examined and approved:

Anthony F Nicklett
Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [*stamped in ink*] <, *U. S. Navy.*>

</div>

<DAY.>	<REMARKS.>
<SUNDAY.> 27	Essex underway 10^{07} A.M. at request of Toledo local Perry centenial [Centennial] Commission. The following order of ship's [sic] was observed entering Toledo Harbor USR.C Morrell [Morrill] USS Essex USS Hawk USS Wolverine & Niagra [Niagara] Private Yachts & motor boats. Off crib lights meet large fleet Power boats which fell into column. off Riverside park Morrell [Morril] & Essex fired a Salute of 21 guns in Answer to shore battery Wolverine Morrell [Morrill] Niagra [Niagara] Docked at Jefferson Av Essex & Hawk came to Anchor at Greenwood Av. At the anchoring Essex sent division ushers to participate in parade.
<MONDAY.> 28	Regular Routine At anchor Toledo O[hio]. Fire quarters at 3 P M Secured. 3^{07} P M. Shore liberty to 1/2 crew. at 5^{30} P M.
<TUESDAY.> 29	Regular Routine at Anchor Toledo O[hio]. Shore liberty to 1/2 crew at 5^{30} P. M.
<WEDNESDAY.> 30	Regular Routine At Anchor Toledo O[hio]. Shore liberty to 1/2 Crew at 5^{30} P M.

<p style="text-align:center"><LOG OF THE U. S. S.> Essex <, AT> [*blank in MS*]</p>
<p style="text-align:center"><FOR THE WEEK ENDING> Aug 2$^{\underline{ed}}$ <, 19> 13.</p>

<DAY.>	<REMARKS.>
	Regular Routine At anchor Toledo O[hio] at 7$^{\underline{30}}$ AM. hove to short Stay. Underway at 8$^{\underline{10}}$ A M. Moored at 4 A M. to Ironville Coal dock. Coaling ship Finished coaling ship 6$^{\underline{05}}$ P M. Received 110 Tons coal. Did not sail at appointed hour. for reason that Ammunition that was consigned to Essex had not arrived in city.
<THURSDAY.> 31	Paymaster Jacoby & Mr Gayhart reported aboard.
Aug 1$^{\underline{st}}$. <FRIDAY.>	Regular Routine At Ironville Coal dock. Ammunition arrived at 11$^{\underline{30}}$ A M. at 12 Noon singled rup lines left dock at 12$^{\underline{45}}$ P M. Stiff wind from North Current running out making it necessary to go up the river. to Wheeling bridge to line around. Adjusted Compasses from 2$^{\underline{45}}$ to 3$^{\underline{30}}$ P M. Anchored at Detroit Harbor foot Woodward Av. 8$^{\underline{50}}$ P. M.
<SATURDAY.> 2	Sea Routine Underway 6$^{\underline{45}}$ A. M.

<p style="text-align:center">Examined and approved:</p>

<p style="text-align:right">Anthony F Nicklett</p>
<p style="text-align:right">Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [*stamped in ink*] <, *U. S. Navy.*></p>

<p style="text-align:center"><LOG OF THE U. S. S.> Essex <, AT> [*blank in MS*]</p>
<p style="text-align:center"><FOR THE WEEK ENDING> [*blank in MS*] <, 19> [*blank in MS*]</p>

<DAY.>	<REMARKS.>
	Underway. Sea Routine.
<SUNDAY.> 3	
	Underway. Sea Routine. Fire Quarters 10^{20} A M. Secured 10^{27} A M.
<MONDAY.> 4	
	Underway. Sea Routine. 11^{45} A M. fired 21 gun Salute. 11^{55} Anchored. with fleet. in Milwaukee. Harbor Granted shore leave to 1/2 Crew. 5^{30} P M.
<TUESDAY.> 5	
<WEDNESDAY.> 6	Regular <u>Port</u>. Routine At Anchor Milwaukee. Wis[consin]. entered gig in race with Yantic Hawk & Wolverine – Essex first & Wolverine second. 8 P.M. Shelled beach for one hour. on Signal From F[lagship]. Sent in Landing party. in 1st Cutter & Gig which fixed on Land troops. & returned to ship. 9^{30} P. M. 11^{35} P. M. Dubuque Left anchorage.

<FOR THE WEEK ENDING> Aug 9th <, 19> 13

<DAY.>	<REMARKS.>
	Port Routine At anchor Milwaukee Wis[consin]. Cleaned sides. 10^{30} AM. Capt Bessy & W[ard]. Room]. Officers USRC Tuscora [Tuscarora] visited ship. Granted shore liberty to 1/2 Crew at 5^{30} PM.
<THURSDAY.> 7	
	Port Routine At Anchor Milwaukee Wis[consin]. Tuscora [Tuscarora] Signal to get underway. 8 A M. Tomorrow Granted liberty to 1/2 Crew 5^{30} to 12 M.
<FRIDAY.> 8	
	Port routine. At Anchor Milwaukee Wis[consin] At 8 AM. hove to short stay 8.19 A M. Underway. Conducted fleet evaluations, fleet consisted of Tuscorro [Tuscarora]. Esses [Essex]. Yantic & Hawk. Steaming in column.
<SATURDAY.> 9	

Examined and approved:

Anthony F Nicklett

Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [*stamped in ink*] <, *U. S. Navy.*>

<DAY.>	<REMARKS.>
	Anchored off Sturgeon Bay ship canal 1^{15} A M. Signal to get underway at day light.
	& Make best of our way through the canal. and assemble at Green Bay Wis[consin]
	Underway 5^{20} A. M. 5^{45} Entered canal. 647 A M Drawbridge. Moored at dock at Green Bay Wis[consin]
<SUNDAY.> 10	at 1^{15} P. M. Granted shore leave to 1/2 Crew. 5^{30} P. M.
	Port Routine. Moored at Green Bay Wis[consin]. Overhauled Steering Greer [Gear].
	at 8 A M. Shifted to Cherry St dock.
	Granted shore leave to 1/2 Crew 5^{30} P M.
<MONDAY.> 11	Comdr E L Bennett reported on board at 10 AM in compliance with Spl. O. [Special Order] of Aug 6-1913.
	File N-31-C-1009-75-Subject: Tempory [sic] duty Conection [sic] with Naval Militia on the
	Great Lakes.
	Permission for visitors 9 A M to 5^{30} P M.
	Port Routine Moored at Green Bay Wis[consin]
	Permission for Visitors 9 A M to 5^{30} P M.
	Fire quarters at 3 P M. Secured 3^{07} P M
<TUESDAY.> 12	
	Port Routine Moored at Green Bay Wis[consin].
	Permission for visitors 9 A M to 5^{30} P M.
<WEDNESDAY.> 13	

<div align="center">

<LOG OF THE U. S. S.> Essex <, AT> [*blank in MS*]
<FOR THE WEEK ENDING> Aug 16$^{\underline{th}}$ <, 19> 13.

</div>

<DAY.>	<REMARKS.>
	Port Routine Moored at Green Bay Wis[consin] carried out morning orders.
	Prepared to get underway. passed word for visitors to clear ship 10$^{\underline{15}}$ A M. Underway. 11$^{\underline{55}}$ A. M.
	The following men were left on dock at G[reen]. Bay Wis[consin]. McIntyre, Mead, Bliss, Clark, Stead
	Swank G. Johnston. Olson, Gunn. Charter W. Hubbell & Burke.
<THURSDAY.> 14	
	Sea Routine 8 A M rounded Breakwater light. Milwaukee Harbor Anchored at 8$^{\underline{08}}$ A M. Milwaukee Wis[consin] Har[bor]
	Gopher came to anchor 2$^{\underline{20}}$ P. M. prepared to get underway. Underway 4$^{\underline{15}}$ P M. 6$^{\underline{30}}$ P M. joined fleet
<FRIDAY.> 15	
	Sea routine Steaming with fleet. 5 P M. Anchored out side Chicago Breakwater.
	Gen. W. V McMakn came Abord [sic] 930 PM. The following men who were left at G[reen]. Bay Wis[consin]. returned aboard ship. at 11 P M. McIntyre. Mead. Bliss. Clark. Stead. G. Swank, Johnston.
<SATURDAY.> 16	Olson. W. Charter. Hubbell & Burke.

<div align="center">

Examined and approved:

Anthony F Nicklett

Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [*stamped in ink*] <, *U. S. Navy.*>

</div>

<LOG OF THE U. S. S.> Essex <, AT> [*blank in MS*]
<FOR THE WEEK ENDING> [*blank in MS*] <, 19> [*blank in MS*]

<DAY.>	<REMARKS.>
	8^{30} AM prepared the ships Anchorage. underway 10^{45} AM. Steamed into main breakwater. Chicago Harbor Anchored – Capt Bennett Nav. Con. Du Bois came aboard. 1/2 ship crew granted liberty 5^{30} P M
<SUNDAY.> 17	
	Port routine Anchored in Chicago Harbor. at 1^{10} P M. Essex shifted to new anchorage. 1/2 ship crew granted liberty 5^{30} P M Fire quarters 8 AM Secured 8^{10} A M.
<MONDAY.> 18	
	Port routine Anchored in Chicago Harbor. 1/2 ship crew granted liberty
<TUESDAY.> 19	
	Port routine Anchored in Chicago Harbor. granted liberty 5^{30} P M.
<WEDNESDAY.> 20	

<LOG OF THE U. S. S.> Essex <, AT> [*blank in MS*]
<FOR THE WEEK ENDING> Aug 23 <, 19> 13.

<DAY.>	<REMARKS.>
	Port routine At anchor Chicago Harbor. $3^{\underline{15}}$ PM. By Order C[ommanding]. O[fficer]. The following men were brought to mast. where a deck court was held. & conducted by Mr Gayhart. Mead. – Stead – Charter W – Burke – Bliss – Swank. Olson. Clark. Johnston. McIntyre. & Hubbell. These men, were charged with having let ship at Green Bay. & refused to return to duty on board. All plead guilty and
<THURSDAY.> 21	were each one fined Twenty Dollars.
	Prepared to get underway. 2 AM --- $3^{\underline{40}}$ A M Underway.
<FRIDAY.> 22	
	Sea Routine. 11 P M. Anchored off. Mackinac Island.
<SATURDAY.> 23.	

Examined and approved:

Anthony F Nicklett

Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [*stamped in ink*] <, *U. S. Navy.*>

<LOG OF THE U. S. S.> Essex <, AT> [*blank in MS*]

<FOR THE WEEK ENDING> [*blank in MS*] <, 19> [*blank in MS*]

<DAY.>	<REMARKS.>
	Port routine Got staying over bows for repairs. & Completed repairs 5 P. M. Granted liberty for 1/2 Crew. till 12 Mid -----
<SUNDAY.> 24	
	Underway 8^{02} A M – Fire quarters 10 A M. Secured. 10^{07} A M.
<MONDAY.> 25	
	Sea routine. 2^{17} A M. a heavy sea. carried away Stb [Starboard]. ladder. Anchored 7^{02} P M. Detroit, Mich[igan]
<TUESDAY.> 26	
	Anchored Detroit Mich[igan] Underway 9^{40} A M. at 8^{12} P M. Dr. Stadler. of USS Dorothea came aboard. and gave medical aid to some of crew.
<WEDNESDAY.> 27	

<LOG OF THE U. S. S.> Essex <, AT> [*blank in MS*]
<FOR THE WEEK ENDING> Aug 30$^{\text{th}}$ <, 19> 13.

<DAY.>   <REMARKS.>

Port routine Anchored at Put in Bay O[hio].
Painting ship's sides.
Liberty to 1/2 Crew at 5$^{\underline{30}}$ PM.

<THURSDAY.>
28

Port routine. Anchored at Put in Bay O[hio].
Painting ship sides
Liberty to 1/2 Crew at 5$^{\underline{30}}$ PM.

<FRIDAY.>
29

Port routine Anchored at Put in Bay. O[hio].
Finished painting ships side ----

<SATURDAY.>
30

Examined and approved:

Anthony F Nicklett

Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [*stamped in ink*] <, *U. S. Navy.*>

<DAY.>	<REMARKS.>
	Underway. 640 A M. 12^{43} P M. Anchored Cleveland Breakwater. Underway 5^{30} P.M.
<SUNDAY.> 31	
	Sea routine. Anchored Buffalo N[ew].Y[ork]. Harbor. 11^{35} A M. Liberty 1/2 Crew 5^{30} P M
Sept 1st <MONDAY.>	
	Port routine Anchored Buffalo N[ew] Y[ork]. Granted Shore leave
<TUESDAY.> 2.	
	Port routine Anchored Buffalo N[ew] Y[ork] Granted liberty
<WEDNESDAY.> 3	

<LOG OF THE U. S. S.> Essex <, AT> [*blank in MS*]
<FOR THE WEEK ENDING> Sept 6th <, 19> 13

<DAY.>   <REMARKS.>

Port routine Anchored Buffalo N[ew] Y[ork].
Granted Liberty

<THURSDAY.>
4

Port routine. Anchored Buffalo N[ew] Y[ork]
Shifted to Coal dock Coaling ship

<FRIDAY.>
5

Moored at coal dock Buffalo N[ew] Y[ork].
Coaling ship ---

<SATURDAY.>
6

Examined and approved:

Anthony F Nicklett

Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [*stamped in ink*] <, *U. S. Navy.*>

<DAY.>	<REMARKS.>
	Port routine Moored at coal dock Buffalo N[ew] Y[ork]. Underway 8$\underline{18}$ A. M. Set Clock back one hour.
<SUNDAY.> 7	
	Sea routine Weather variable. Hail – rain Thunder, lighting [sic] & Thick weather. Moored 7$\underline{35}$ A. M. Big 4 dock. Sandusky O[hio] Fire Quarters 10 A M Secured 10$\underline{08}$ A M Granted shore leave.
<MONDAY.> 8	
	Moored at dock Sandusky O[hio] Granted shore leave.
<TUESDAY.> 9	
	Moored at dock Sandusky O[hio] Underway 7$\underline{10}$ A. M. Anchored 10 A. M. Put in Bay O[hio] Dorethea [Dorothea] broke out Governors flag. Essex fired salute 17 guns. 11$\underline{08}$ A. M. Essex underway to meet Nigara [Niagara] & Wolverine returned to anchorage. 11$\underline{58}$ A. M. 12 Noon fired Commodores Salute.
<WEDNESDAY.> 10	

<p style="text-align:center"><LOG OF THE U. S. S.> Essex <, AT> [*blank in MS*]</p>
<p style="text-align:center"><FOR THE WEEK ENDING> Sept 13th <, 19> 13.</p>

<DAY.>	<REMARKS.>
	Port routine Anchored Put in Bay O[hio]. Prepared to send landing party ashore. to particapate [sic] in re-interment ceremoneys [sic]. 12^{30} Fleet fired Salute of minute guns. 2^{20} Landing party returned.
<THURSDAY.> 11	Liberty granted
	Port routine Anchored Put in Bay. O[hio]. Underway 4^{50} A M. 5 A M. Anchor secured for sea. 8^{05} A M. passed Lower Detroit. Gas bouy [sic] Anchored 11^{30} A M.
<FRIDAY.> 12	3 P. M. fired commodores Salute.
	Port routine. Anchored Detroit Mich[igan] 4^{15} P. M. Underway 7^{55} P M. anchored off Bass Point.
<SATURDAY.> 13	

<p style="text-align:center">Examined and approved:</p>

<p style="text-align:right">Anthony F Nicklett</p>
<p style="text-align:center">Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [*stamped in ink*] <, *U. S. Navy.*></p>

<FOR THE WEEK ENDING> [*blank in MS*] <, 19> [*blank in MS*]

<DAY.>	<REMARKS.>
	Sea routine Underway 4^{45} A. M. 1^{30} P. M. Cruising before Cleveland waiting for Wolverine Participated in naval parade of Freighters 4^{30} Anchored Cleveland Harbor
<SUNDAY.> 14	
	Port routine Anchored Cleaveland [sic] O[hio]. Fire quarters 8 A M. Secured 8^{06} A. M. Granted Liberty 5^{30} P. M. T [*sentence ends*]
<MONDAY.> 15	
	Port routine Anchored Cleveland O[hio]. Naval parade in after noon. Granted shore leave Participate in sham battle in evening
<TUESDAY.> 16	
	Port routine Anchored Cleveland O[hio] Granted liberty
<WEDNESDAY.> 17	

<LOG OF THE U. S. S.> Essex <, AT> Toledo O[hio].
<FOR THE WEEK ENDING> Sept 20th <, 19> 13.

<DAY.>	<REMARKS.>
	Underway 5 A M. While passing through port draw Penn[sylvani]a Bridge struck submerged hawser. which was not marked. disabling steering gear. Necessary to call Tugs. to Take ship to Anchorage at Greenwood Av. Anchored 5^{10} P M.
<THURSDAY.> 18	
	Carried out daily routine. General cleaning of ship.
<FRIDAY.> 19	
	General Cleaning. --
<SATURDAY.> 20	

Examined and approved:

Anthony F Nicklett

Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [*stamped in ink*] <, *U. S. Navy.*>

<div align="center">

<LOG OF THE U. S. S.> Essex <, AT> [*blank in MS*]
<FOR THE WEEK ENDING> [*blank in MS*] <, 19> [*blank in MS*]

</div>

<DAY.>   <REMARKS.>

Sunday routine

<SUNDAY.>
21

Carried out daily routine.
Disembarking Naval militia Gear.

<MONDAY.>
22

Carried out daily routine
Disembarking Naval Militia Gear.

<TUESDAY.>
23

Carried out daily routine
Disembarking Naval Militia Gear.

<WEDNESDAY.>
24

<LOG OF THE U. S. S.> Essex <, AT> Toledo O[hio].

<FOR THE WEEK ENDING> Sept 27th <, 19> 13.

<DAY.>	<REMARKS.>
	Carried out daily routine
	Went after stores at Fed[eral]. House
<THURSDAY.> 25	
	Carried out daily routine
	Stowed stores
<FRIDAY.> 26	
	Scrubed [sic] Gun & Spar deck.
<SATURDAY.> 27	

Examined and approved:

Anthony F Nicklett

Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [*stamped in ink*] <, *U. S. Navy.*>

<div align="center">

<LOG OF THE U. S. S.> Essex <, AT> Toledo O[hio].

<FOR THE WEEK ENDING> Sept 30 <, 19> 13

</div>

<DAY.>   <REMARKS.>

Sunday routine

<SUNDAY.>

28

Carried out daily routine
Started scrubing [sic] canvas.

<MONDAY.>

29

Carried out daily routine
Scrubing [sic] canvas.

<TUESDAY.>

30

<WEDNESDAY.>

<LOG OF THE U. S. S.> [*blank in MS*] <, AT> [*blank in MS*]
<FOR THE WEEK ENDING> [*blank in MS*] <, 19> [*blank in MS*]

<DAY.>   <REMARKS.>

<THURSDAY.>

<FRIDAY.>

<SATURDAY.>

Examined and approved:

Anthony F Nicklett

Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [*stamped in ink*] <, *U. S. Navy.*>

<CONDITION OF HULL AND EQUIPMENTS.>
<DATE OF INSPECTION-TO BE MADE MONTHLY.>

	April	May	June	July	Aug	Sept
<ORDNANCE.>						
<Air Compressors,>						
<Air Accumulators,>						
<Torpedo Tube No. 1,>						
<No. 2,>						
<No. 3,>						
<No. 4,>						
<Torpedo No. 1,>						
<No. 2,>						
<No. 3,>						
<No. 4,>						
<No. 5,>						
<No. 6,>						
<Torpedo Equipment,>						
<Gun Cotton,>						
<Air Piping,>						
<Gun No. 1,> 3 pdr	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
<No. 2,> 3 pdr	"	"	"	"	"	"
<No. 3,> 6 pdr	Obsolete	Obsolete	Obsolete	Obsolete	Obsolete	Obsolete
<No. 4,> 6 pdr	"	"	"	"	"	"
<No. 5,> 1 pdr	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
<No. 6,> 1pdr	"	"	"	"	"	"
<No. 7,>						
<Ammunition,>						
<Small Arms,>						
<C. AND R.>						
<Compartment A-1,>						
<A-2,>						
<A-3,>						
<B-1,>						
<B-2,>						
<C-1,>						
<C-2,>						
<D-1,>						
<D-2,>						
<D-3,>						
<D-4,>						
<Bilges,>	Very good	Very good	Very good	Very good	Very good	Very good
<Deck,>	Very good	" "	" "	" "	" "	" "
<Hand Pumps,>	Fair	Fair	Fair	Fair	Fair	Fair
<Anchor Gear,>	Very poor	Very poor	Very poor	Very poor	Very poor	Very poor
<Steering Gear,>	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
<Boats,>	Good	Good	Good	Good	Good	Good
<Fire Equipment,>	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
<EQUIPMENT.>						
<Dynamo,>	Excellent	Excellent	Excellent	Excellent	Excellent	Excellent
<Electric Leads,>	Very good	Very good	Very good	Very good	Very good	Very good
<Electric Lights,>	Very good	" "	" "	" "	" "	" "
<Wireless Outfit,>	Very good	" "	" "	" "	" "	" "
<Interior Communications,>						
Torpedo-Firing Circuits,>						

<h1 style="text-align:center">CRUISING RUNS.</h1>

<1.> DATE.	<2.> PLACE.	<3.> HOURS UNDER WAY.	<4.> AVERAGE REVOLUTIONS PER MINUTE.	<5.> MILES RUN.	<6.> AVERAGE SPEED.	<7.*> COAL USED.	<8.*> MILES PER TON OF COAL.	<9.> REMARKS.
July 3 – 1913.	Ceder [sic] Point – O[hio].	5 hrs 48 M.	89	57	9	9000	12.66	
" 3 "	Put in Bay. O[hio].	1 " 52 "	89	18	9	3000	12.00	
" 4 "	Ceder [sic] Pt. O[hio]	2 " ---	89	18	9	3000	12.00	
" 4 "	Put in Bay	2 "	89	18	9	3000	12.00	
" 6 "	Erie Pa [Pennsylvania].	16 " 5 M.	94	149.	9.31	24000.	12.41	
" 14 "	Fair Port O[hio]	12 "	65.	73.	6.1	18000	8.11	
" 15 "	Cleveland O[hio]	5 "	68	34	6.8	7500	9.06	
" 15 "	Lorain O[hio]	3 "	98	30	10.	4500.	13.33.	
" 20 "	Put in Bay O[hio]	4 " 50 "	80	38	7.6	7500.	9.86	
" 24 "	Naval Parade			12.				
" 26 "	Monroe Mich[igan].	3 hrs 16 M.	98	31	10.3.	8000	7.75	
" 27 "	Toledo Ohio	4 " 27 "	60.	22	5.	4400	10.00	
Aug 5th - 1913	Milwaukee Wis[consin]	84 " 45 "	79	622	7.3.	127,500	10.24	
" 10 " "	Green Bay Wis[consin]	23 " 45 "	98	249.	10.3.	36000.	13.83	
" 15 " "	Milwaukee Wis[consin]	20 " 10	116	249.	12.0.5.	30000	16.66	
" 16 " "	Chicago Ill[inois].	22 hrs.	80	169.	7.6.	33,000	10.24	
" 23 " "	Mackinaw Isld Mich[igan]	39 "	90	330.	8.4	58500	10.25	
" 26 " "	Detroit Mich[igan]	35 "	90	304	8.6	52500.	11.58	
" 27 " "	Put in Bay O[hio]	5 " 15 M	98	54	10.6	8000	13.50	
" 31 " "	Cleveland O[hio]	5 " 30 M.	105	61	11.1	8500	12.23	
Sept 1 " "	Buffalo N[ew] Y[ork].	19.00 "	90	175.	9.2.	28500	12.21	
" 8 " "	Sandusky O[hio]	23 hrs 45 Min	90.	222	9,25	36000.	12.31	
" 10 " "	Put in Bay	3 "	80.	23	7.6.	4500.	13.33	
" 12 " "	Detroit Mich[igan]	6 "	89.	54	9.0.	9000	13.33	
" 14 " "	Cleveland	15 " 40 M.	79	117.	7.30.	24000	9.75	
" 18 " "	Toledo O[hio],	11 " 5 M.	98	117.	10.6.	16500.	14.18.	

*The above data will be taken whenever a run is of sufficient length to enable it to be done. The speed will be varied to determine if there is an economical speed. See columns 7 and 8.

<TORPEDO PRACTICE.>

<DATE.>	<PLACE.>	<TORPEDO.>		<CHARACTER OF RUN.>	<FIRING INTERVAL SAME TUBE.>	<TUBE USED.>	<REMARKS.>
		<NO.>	<TYPE.>				

<REPAIRS.>							
<DATE.>	<DEPARTMENT.>	<ITEM.>	<BY WHOM DONE.>	<TIME.>	<COST.>		<TOTAL.>
					<LABOR.>	<MATERIAL.>	

No repairs made other than that which was made by ship's crew and the
and the [sic] Naval Militia Chief Carpenter made.

<REPAIRS.>

<DATE.>	<DEPARTMENT.>	<ITEM.>	<BY WHOM DONE.>	<TIME.>	<COST.>		<TOTAL.>
					<LABOR.>	<MATERIAL.>	

<LOG OF THE U. S. S.> Essex <,> Anthony F. Nicklett O[hio] N[aval] M[ilitia]. <, U.S.N., COMDG.>

<Date> July 2ᵉᵈ 1913

<NAVIGATION DATA.>

<HOUR.>	<COURSE.>	<P. L.>	<SPEED.>	<WIND.>	<BAR.>	<REMARKS.>
<P.M.>						
<1>						
<2>						
<3>						
<4>						
<5>						
<6>						
<7>						
<8>						
<9>						
<10>				E	29.36	
<11>				E	29.37	
<12>				E	29.37.	
July 3. <A.M.>						
<1>				E	29.38	
<2>				E	29.38	
<3>				E	29.39	
<4>				E	29.39	
<5>	63°	9		E.	29.40	Toledo Harbour [sic] light 5^{39} AM at 5^{43} A M Course 114º
<6>	114°	9		S E	29.41	Abrest [sic] W. Sister light 6^{55}. Distance 1100 Yds.
<7>	114°	9		S E	29.43	
<8>	137° 131°	9		S E	29.44	8^{44} Niagra [sic] reef. bearing S. Distance 1 3/4 M. Course 137°.-8^{56} Green Island bear N-Dist 1050 Yds 8^{51} Course 131°
<9>	131°	9.		S E	29.44	Marble Head light. bear S. Dist 2100 Yds 9^{11} Changed course 164°-at 9^{38}. Changed course. to 143°. stbord [starboard] side fish stakes
<10>				S E	29.44	9^{43} course 164º Sandusky outer buoy. bearing ahead came to anchor 10^{14} in 3 fms [fathoms]. off. Ceder [sic] Pt. O[uter] Breakers
<11>				S E	29.44	Hotel. S W.
<12>				S E	29.44	

<Coal at noon, on hand,> [*blank in MS*] <; consumed during 24 hours,> [*blank in MS*] <Lat.,> [*blank in MS*] <, Long.,> [*blank in MS*]

<Examined and found correct.> Anthony F Nicklett Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [*stamped in ink*] <,*U.S.N., Comdg.*>

<Date> July 3ʳᵈ 1913

<HOUR.>	<COURSE.>	<P. L.>	<SPEED.>	<WIND.>	<BAR.>	<REMARKS.>
<P.M.>						
<1>				S E	29.44	Underway 5^{23} PM Course 3/4 N. Red gas Buoy 6^{25} PM.-2nd bouy [sic] 6^{36} PM. S Bass Lt [Light]. bore N. 645 PM. Changed
<2>				S E	29.44	Course 348° at 7.01 PM Changed course and ran into Put in Bay O[hio]. Anchored 7^{17} P M.
<3>				S E	29.44	
<4>				S E	29.45	
<5>				S E	29.45	
<6>	304°	9		E	29.46	
<7>				E.	29.35.	
<8>				E	29.35	
<9>				E	29.35	
<10>				E	29.35	
<11>				E	29.35	
<12>				E.	29.35	
7/4 <A.M.>						
<1>				S W.	29.35	
<2>				S W	29.35	
<3>				S W	29.35	
<4>				S W.	29.35	
<5>				S W	29.36	
<6>				S W	29.36	
<7>				S W	29.36.	
<8>				S W.	29.37	
<9>				S W	29.39	
<10>				S W	29.40	
<11>				S W	29.40	
<12>				S W.	29.38	

<Coal at noon, on hand,> [*blank in MS*] <; consumed during 24 hours,> [*blank in MS*] <Lat.,> [*blank in MS*] <, Long.,> [*blank in MS*]

<Examined and found correct.> Anthony F Nicklett Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [*stamped in ink*] <,*U.S.N., Comdg.*>

<LOG OF THE U. S. S.> Essex. <,> Anthony F Nicklett. <, U.S.N., COMDG.>

<Date> July 4 - 1913

<NAVIGATION DATA.>

<HOUR.>	<COURSE.>	<P. L.>	<SPEED.>	<WIND.>	<BAR.>	<REMARKS.>
<P.M.>						
<1>				S W x W.	29.35	Underway. 3⁰⁵ Rounded W. E. S. Bass & passed Through S. Passage Steering various courses. at 3⁴¹ PM.
<2>				S W x W.	29.35	Course 1³⁰ Marblehead Lt [Light]. abeam 4⁴⁰ PM Changed course 162° 438 PM Anchored of[f] Sandusky
<3>				S W x W.	29.36	outer buoy.
<4>				S W x W.	29.38	Underway 6⁴⁶ PM. Passed. Marblehead Lt [Light]. 7⁰⁰ PM. S. Bass Lt [Light] 8⁰⁵ PM. Wind blowing fresh ~fres~ hauling to N.
<5>				S W x W.	29.40	8¹⁰ hauled N x W: 815 Blowing a Gale & raining 8²⁵ PM. Hauled E 1/2 N on Put in Bay Gas buoy.
<6>				S W x W	29.40	Anchored 8³⁸ PM in 6 fms [fathoms]. Wheels [*Wagon Wheel Reef*] bearing N x E Gas buoy bearing SW x W 1/2 W. Raining Hard.
<7>				S W x W	29.32	
<8>				S W x W.	29.35	
<9>				N x E	29.36.	
<10>				N x E	29.35	
<11>				N x E	29.34.	
<12>				N x E	29.31	
7/5 <A.M.>						
<1>				N E	29.30	At Anchor Put in Bay. Harbor. At 3 PM. Wind attain ed Velosity [sic] of 50 to 55 Miles per Hour
<2>				N E.	29.30	underway 6⁴⁶ PM. passed Ballast Is. 6.53 PM. – hauled on course X̵ 85°
<3>				N E	29.30	At 9 PM stoped [sic] Dynamo 15 Minutes. to take up on loose corrections
<4>				N E.	29.29	
<5>				N E	29.30	
<6>				N N E	29.30	
<7>				N N E	29.28	
<8>				N N E	29.25	
<9>				N N E	29.25	
<10>				S. W	29.23	
<11>				S W	29.21	
<12>				S W.	29.20	

<Coal at noon, on hand,> [*blank in MS*] <; consumed during 24 hours,> [*blank in MS*] <Lat.,> [*blank in MS*] <, Long.,> [*blank in MS*]

<Examined and found correct.> Anthony F Nicklett Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [*stamped in ink*] <,U.S.N., Comdg.>

<Date> July 5ᵗʰ 1913

<HOUR.>	<COURSE.>	<P. L.>	<SPEED.>	<WIND.>	<BAR.>	<REMARKS.>
<P.M.>						
<1>				S W.	29.20	
<2>				S W	29.19	
<3>				S. W.	29.18	
<4>				W x N	29.26	
<5>				S. W.	29.18	
<6>				S. W.	29.18.	
<7>				S W.	29.18.	
<8>	85°			S W.	29.40	
<9>	85°			S W.	29.40	
<10>	85°			W N W.	29.40	
<11>	85°			W N W.	29.39.	
<12>				N N W	29.36.	
7/6 <A.M.>						
<1>	84°			N N W	29.18	1 AM. Fairport Lt [Light]. bears 4 points Stb [Starboard]. bow. Abeam 2¹⁵ AM position off shore 10.6 Miles Ashtabula Lt [Light] beam ESE.
<2>	84°			N N W.	29.18	at 3⁰⁵ AM. Ship rolling easy. Cross bearing Ashtabula Lt [Light]. places ship 4 M. off shore.
<3>	84°			N W	29.18	Conneaut. Lt [Light]. bearing E x S. 6 AM.-Conneaut Lt [Light] abeam 6³⁵ PM 1 3/4 M distant. 7³⁵ AM.
<4>	84°			N E	29.19	Changed course to 67°; 9³³ A M passed R. Gas Buoy No 2. 9³⁷ AM Presque Isl. Peir [sic] Head.
<5>	84°			N E	29.18	Anchored 9⁵⁰ A M. Erie Harbour [sic].
<6>	77°			N E	29.16	Bearings on Erie range Lt [Light]. 57° Water Wks [Works] Stack 181º
<7>	76°			N W	29.20	
<8>	67°			N W	29.18	
<9>	67°			N W	29.19	
<10>				N W	29.18	
<11>				N W	29.18	
<12>				N W	29.17	

<Coal at noon, on hand,> [*blank in MS*] <; consumed during 24 hours,> [*blank in MS*] <Lat.,> [*blank in MS*] <, Long.,> [*blank in MS*]

<Examined and found correct.> Anthony F Nicklett Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [*stamped in ink*] <,U.S.N., Comdg.>

<LOG OF THE U. S. S.> Essex <,> Anthony F. Nicklett O[hio] N[aval] M[ilitia] <, U.S.N., COMDG.>

<Date> July 6 - 1913

<NAVIGATION DATA.>

<HOUR.>	<COURSE.>	<P. L.>	<SPEED.>	<WIND.>	<BAR.>	<REMARKS.>
<P.M.>						
<1>				W x N	29.17	At 3 PM. Wind attained Velocity 45 to 51 M per hr.
<2>				W x N	29.18	
<3>				W x N	29.17	
<4>				W x N	29.17	
<5>				W N W	29.21	
<6>				W N W	29.22	
<7>				W N W	29.24	
<8>				W N W	29.25	
<9>				W N W	29.27	
<10>				W N W	29.27	
<11>				W N W	29.26	
<12>				W N W.	29.26	
7/7. <A.M.>						
<1>				N W x N.	29.30	
<2>				N W x N.	29.31	
<3>				W	29.20	
<4>				W	29.24	
<5>				W	29.24	
<6>				W N W	29.25	
<7>				W N W	29.27	
<8>				W N W	29.27	
<9>				W N W	29.29	
<10>				W x N.	29.30	
<11>				W x N	29.32	
<12>				W x N.	29.32	

<Coal at noon, on hand,> [blank in MS] <; consumed during 24 hours,> [blank in MS] <Lat.,> [blank in MS] <, Long.,> [blank in MS]
<Examined and found correct.> Anthony F Nicklett Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [stamped in ink] <,U.S.N., Comdg.>

<Date> July 7th 1913

<HOUR.>	<COURSE.>	<P. L.>	<SPEED.>	<WIND.>	<BAR.>	<REMARKS.>
<P.M.>						
<1>				W x N	29.30	
<2>				W	29.29	
<3>				W	29.29	
<4>				W	29.29	
<5>				W	29.28.	
<6>				S W. x S.	29[.]28	
<7>				W x S.	29[.]28	
<8>				W x S.	29[.]30	
<9>				W x S.	29[.]33	
<10>				S W x W	29[.]33	
<11>				S W x W	29[.]30	
<12>				S W x W.	29[.]28.	
<A.M.>						
7/8 <1>				S W x W.	29[.]30	
<2>				S W x W	29[.]28	
<3>				S W x W	29[.]30	
<4>				S W x W	29[.]30	
<5>				S W x W	29.30	
<6>				S W x W.	29.30	
<7>				S W x W	29.31	
<8>				S W x W	29.32	
<9>				S W x W.	29.33	
<10>				S W x W.	29.35	
<11>				S W x W.	29.34	
<12>				W x S.	29.34	

<Coal at noon, on hand,> [blank in MS] <; consumed during 24 hours,> [blank in MS] <Lat.,> [blank in MS] <, Long.,> [blank in MS]
<Examined and found correct.> Anthony F Nicklett Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [stamped in ink] <,U.S.N., Comdg.>

<Date> July 8ᵗʰ 1913.

<NAVIGATION DATA.>

<HOUR.>	<COURSE.>	<P. L.>	<SPEED.>	<WIND.>	<BAR.>	<REMARKS.>
<P.M.>						
<1>				W N W.	29[.]34	
<2>				W N W.	29.33	
<3>				W N W	29.33	
<4>				W N W.	29.30	
<5>				W N W.	29.30.	
<6>				S.	29.29	
<7>				S	29.27	
<8>				S E	29.26	
<9>				S x E	29.25	
<10>				S x E	29.23	
<11>				S x E	29.22	
<12>				S x E.	29.18.	
7/9 <A.M.>						
<1>				S x E.	29.17	
<2>				S x E	29.15	
<3>				S x E	29.10	
<4>				S x E	29.11	
<5>				S x E	29.12	
<6>				S W x S.	29.13	
<7>				S W x S.	29.13	
<8>				S W x S.	29.15	
<9>				S W x S.	29.15	
<10>				S W.	29.15	
<11>				S W x W.	29.15	
<12>				W. S W.	29.13.	

<Coal at noon, on hand,> [*blank in MS*] <; consumed during 24 hours,> [*blank in MS*] <Lat.,> [*blank in MS*] <, Long.,> [*blank in MS*]

<Examined and found correct.> Anthony F Nicklett Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [*stamped in ink*] <,U.S.N., Comdg.>

<Date> July 9ᵗʰ 1913.

<HOUR.>	<COURSE.>	<P. L.>	<SPEED.>	<WIND.>	<BAR.>	<REMARKS.>
<P.M.>						
<1>				W S W.	29.12	
<2>				W S W.	29.08	
<3>				S W	29.08	
<4>				S W	29.06	
<5>				S W	29.05	
<6>				S W	29.05	
<7>				S W	29.05	
<8>				S W	29.07	
<9>				N N W	29.08	
<10>				N N W	29.10	
<11>				N N W	29.13	
<12>				N N W.	29.19	
7/10. <A.M.>						
<1>				N N W.	29.19	
<2>				N W.	29.16	
<3>				N W	29.19	
<4>				N W x W.	29.19	
<5>				N W.	29.30	
<6>				W N W.	29.31	
<7>				W N W	29.24	
<8>				W N W.	29.25	
<9>				N N W.	29.27	
<10>				N W x W.	29.27	
<11>				N W x W	29.27	
<12>				N. W.	29.26.	

<Coal at noon, on hand,> [*blank in MS*] <; consumed during 24 hours,> [*blank in MS*] <Lat.,> [*blank in MS*] <, Long.,> [*blank in MS*]

<Examined and found correct.> Anthony F Nicklett Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [*stamped in ink*] <,U.S.N., Comdg.>

<LOG OF THE U. S. S.> Essex. <,> Anthony F. Nicklett O[hio] N[aval] M[ilitia] <, U.S.N., COMDG.>

<Date> July 10th 1913

<NAVIGATION DATA.>

<HOUR.>	<COURSE.>	<P. L.>	<SPEED.>	<WIND.>	<BAR.>	<REMARKS.>
<P.M.>						
<1>				W N W.	29.28.	
<2>				W N W	29.29	
<3>				W	29.30	
<4>				W	29.31	
<5>				W	29.32	
<6>				W	29.33	
<7>				W	29.31	
<8>				W	29.31	
<9>				W	29.35	
<10>				N W x N	29.30	
<11>				N W x N	29.30	
<12>				N W x N.	29.30	
7/11 <A.M.>						
<1>				N x E	29.31	
<2>				N x E.	29.31	
<3>				N x E	29.31	
<4>				N x E	29.31	
<5>				S S E.	29.30	
<6>				S S E	29.30	
<7>				S S E	29.34	
<8>				S W x S.	29.32	
<9>				N W.	29.30	
<10>				N W	29.30	
<11>				N W	29.30	
<12>				N W	29.30	

<Coal at noon, on hand,> [blank in MS] <; consumed during 24 hours,> [blank in MS] <Lat.,> [blank in MS] <, Long.,> [blank in MS]

<Examined and found correct.> Anthony F Nicklett Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [stamped in ink] <,U.S.N., Comdg.>

<Date> July 11 - 1913

<HOUR.>	<COURSE.>	<P. L.>	<SPEED.>	<WIND.>	<BAR.>	<REMARKS.>
<P.M.>						
<1>				N 7	29.30	
<2>				N	29.30	
<3>				N E	29.30	
<4>				E N E.	29.30	
<5>				E N E.	29.24	
<6>				E N E.	29.23	
<7>				E N E.	29.22	
<8>				E N E	29.20	
<9>				E N E	29.18	
<10>				E N E	29.18	
<11>				E x N	29.17	
<12>				E x N.	29.14	
7/12 <A.M.>						
<1>				S x E.	29.10	Wind blowing fresh from S.E. 9 AM Wind growing strong_ _ Rain Threating [Threatening]
<2>				S x E	29.10	11¹⁵ AM. Heavy rain falling Wind stronger from S. W.
<3>				S x E	29.06	S W. Storm Signals flying
<4>				S x E	29.05	
<5>				S	29.04	
<6>				S	29.03	
<7>				S	29.01	
<8>				S E	28.98	
<9>				S E	28.94	
<10>				S S W	28.94	
<11>				S S W	28.90	
<12>				S W x W.	28.95	

<Coal at noon, on hand,> [blank in MS] <; consumed during 24 hours,> [blank in MS] <Lat.,> [blank in MS] <, Long.,> [blank in MS]

<Examined and found correct.> Anthony F Nicklett Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [stamped in ink] <,U.S.N., Comdg.>

<Date> July 12 – 1913

<NAVIGATION DATA.>

<HOUR.>	<COURSE.>	<P. L.>	<SPEED.>	<WIND.>	<BAR.>	<REMARKS.>
<P.M.>						
<1>				W	28.95	7 P M. Wind Moderating
<2>				W x S	28.95	
<3>				W x S	28.97	
<4>				W x S	28.99	
<5>				S W x W	29.00	
<6>				W S W	29.00	
<7>				W S W	29.00	
<8>				W S W	29.02	
<9>				S W	29.04	
<10>				S W	29.07	
<11>				S W	29.07	
<12>				S W.	29.07	
7/13 <A.M.>						
<1>				S S W	29.06	1 – A M Wind stronger – 840 A M Niagra[Niagara] underway.
<2>				S S W	29.05	
<3>				S S W	29.03	
<4>				S S W.	29.04	
<5>				S S W	29.04	
<6>				S S W	29.04	
<7>				S S W	29.06	
<8>				S S W	29.05	
<9>				S W	29.10	
<10>				S W	29.10	
<11>				S W	29.10	
<12>				S W.	29.09	

<Coal at noon, on hand,> [*blank in MS*] <; consumed during 24 hours,> [*blank in MS*] <Lat.,> [*blank in MS*] <, Long.,> [*blank in MS*]
<Examined and found correct.> Anthony F Nicklett Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [*stamped in ink*] <,U.S.N., Comdg.>

<Date> July 13 – 1913.

<HOUR.>	<COURSE.>	<P. L.>	<SPEED.>	<WIND.>	<BAR.>	<REMARKS.>
<P.M.>						
<1>				W	29.07	
<2>				W	29.05	
<3>				S W x W.	29.05	
<4>				S W x W	29.01	
<5>				S W.	29.01	
<6>				S W	29.03.	
<7>				S W	29.07	
<8>				S W	29.10	
<9>				S W	29.14	
<10>				S.	29.17	
<11>				N N W	29.20	
<12>				N N W.	29.22.	
7/14 <A.M.>						
<1>	254°		6	N N W.	29.24	
<2>	254°		2	N N W	29.24	
<3>	249°		7	N N W	29.24	
<4>	234°		9 1/2	N N W	29.25	
<5>	234°		6 1/2	N x E	29.22.	
<6>				N x E	29.26	
<7>				N x E	29.26	
<8>				N N E	29.26	
<9>				N N E	29.26	
<10>				N N E	29.28	
<11>				N N E	29.29	
<12>				N N E.	29.29	

<Coal at noon, on hand,> [*blank in MS*] <; consumed during 24 hours,> [*blank in MS*] <Lat.,> [*blank in MS*] <, Long.,> [*blank in MS*]
<Examined and found correct.> Anthony F Nicklett Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [*stamped in ink*] <,U.S.N., Comdg.>

<LOG OF THE U. S. S.> Essex <,> Anthony F Nicklett O[hio] N[aval]. M[ilitia]. <, U.S.N., COMDG.>

<Date> July 14 – 1913

<NAVIGATION DATA.>

<HOUR.>	<COURSE.>	<P. L.>	<SPEED.>	<WIND.>	<BAR.>	<REMARKS.>
<P.M.>						
<1>				N E x E	29.31	
<2>				N E x E	29.33	
<3>				N E x E.	29.37	
<4>				Calm	29.38	
<5>				Calm	29.39	
<6>				Calm	29.39	
<7>				Calm	29.39	
<8>				Calm	29.39	
<9>				S. E.	29.39	
<10>				S. E.	29.39	
<11>				S.	29.39	
<12>				S. E	29.39	
7/15 <A.M.>						
<1>				S E.	29.38	Underway 4⁵⁵ A M. at 9⁵⁰ A M. Anchored inside Cleveland Breakwater.
<2>				S E	29.38	Underway 10⁴⁰ A M. Stood out on course 291°. At 11³⁰ A M Changed course 2⁵⁰.
<3>				S E	29.38	at 12 Changed Course to 270°. at. 1245 PM changed course to N S S 1/2 S.
<4>				E S E	29.37	at 1 changed course to 255° & headed in on Lorain course; to Anchor. in 5 fms [fathoms] water.
<5>		2		E S E	29.38	Underway at 3³⁵ P M. Moored to dock 5⁰⁵.
<6>		6		S W x W	29.39	
<7>		6		S W x W	29.39	
<8>		8 1/2		E N E	29.41	
<9>				N N E	29.42	
<10>		8 1/2		N N E	29.44	
<11>	[data to right]	280°	9	N E	29.46	
<12>	[data to right]	270°	9	N N E.	29.46	

<Coal at noon, on hand,> [blank in MS] <; consumed during 24 hours,> [blank in MS] <Lat.,> [blank in MS] <, Long.,> [blank in MS]

<Examined and found correct.> Anthony F Nicklett Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [stamped in ink] <,U.S.N., Comdg.>

<Date> July 15ᵗʰ 1913

<HOUR.>	<COURSE.>	<P. L.>	<SPEED.>	<WIND.>	<BAR.>	<REMARKS.>
<P.M.>						
<1>	255°			N E x E	29.47	
<2>				N E x E	29.47	
<3>				N E x E	29.45	
<4>				N E x E	29.45	
<5>				N E	29.45	
<6>				E	29.44	
<7>				E x S.	29.45	
<8>				E	29.45	
<9>				E S E	29.39	
<10>				E S E	29.49	
<11>				E S E	29.50	
<12>				E S E	29.49	
7/16 <A.M.>						
<1>				N E	29.49	
<2>				N E	29.47	
<3>				N E	29.46	
<4>				N E	29.47	
<5>				N E	29.47	
<6>				E N E	29.46	
<7>				Calm	29.49	
<8>				Calm	29.48	
<9>				E S E	29.50	
<10>				E S E	29.50	
<11>				E S E	29.50	
<12>				E S E	29.46	

<Coal at noon, on hand,> [blank in MS] <; consumed during 24 hours,> [blank in MS] <Lat.,> [blank in MS] <, Long.,> [blank in MS]

<Examined and found correct.> Anthony F Nicklett Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [stamped in ink] <,U.S.N., Comdg.>

<LOG OF THE U. S. S.> Essex. <,> Anthony F. Nicklett. O[hio] N[aval] M[ilitia] <, ~~U.S.N.~~, COMDG.>

<Date> July 16 – 1913.

<NAVIGATION DATA.>

<HOUR.>	<COURSE.>	<P. L.>	<SPEED.>	<WIND.>	<BAR.>	<REMARKS.>
<P.M.>						
<1>				N E	29.44	
<2>				E N E	29.43.	
<3>				E N E	29.41	
<4>				E S E	29.37	
<5>				E	29.36	
<6>				N E	29.35	
<7>				N E	29.36	
<8>				S E	29.36	
<9>				S E	29.39	
<10>				S E x S	29.36	
<11>				S E x S	29.33	
<12>				S E x S.	29.28.	
7/17 <A.M.>						
<1>				E.	29.26	
<2>				E	29.20	
<3>				E S E	29.18	
<4>				S E	29.18	
<5>				E	29.15	
<6>				E S E	29.16	
<7>				W	29.17	
<8>				W	29.18	
<9>				W	29.18	
<10>				W	29.20	
<11>				N W	29.20	
<12>				N W.	29.22.	

<Coal at noon, on hand,> [blank in MS] <; consumed during 24 hours,> [blank in MS] <Lat.,> [blank in MS] <, Long.,> [blank in MS]

<Examined and found correct.> Anthony F Nicklett Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [stamped in ink] <,U.S.N., Comdg.>

<Date> July 17th 1913

<HOUR.>	<COURSE.>	<P. L.>	<SPEED.>	<WIND.>	<BAR.>	<REMARKS.>
<P.M.>						
<1>				N W	29.22	
<2>				N W	29.23	
<3>				N W	29.23	
<4>				N W	29.24	
<5>				N W	29.23	
<6>				W	29.22	
<7>				W	29.22	
<8>				W	29.24	
<9>				N W	29.27	
<10>				N W	29.27	
<11>				W	29.25	
<12>				N W	29.24	
7/18 <A.M.>						
<1>				S S E	29.24	
<2>				S S E	29.21	
<3>				S S E	29.21	
<4>				S S E	29.21	
<5>				N N E	29.22	
<6>				N x E	29.22	
<7>				N N W	29.23	
<8>				N N W	29.23	
<9>				Calm	29.26	
<10>				Calm	29.26	
<11>				Calm	29.26	
<12>				Calm	29.26	

<Coal at noon, on hand,> [blank in MS] <; consumed during 24 hours,> [blank in MS] <Lat.,> [blank in MS] <, Long.,> [blank in MS]

<Examined and found correct.> Anthony F Nicklett Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [stamped in ink] <,U.S.N., Comdg.>

<LOG OF THE U. S. S.> Essex <,> Anthony F. Nicklett. O[hio] N[aval] M[ilitia] <, U.S.N., COMDG.>

<Date> July 18ᵗʰ 1913

<NAVIGATION DATA.>

<HOUR.>	<COURSE.>	<P. L.>	<SPEED.>	<WIND.>	<BAR.>	<REMARKS.>
<P.M.>						
<1>				S E	29.26	
<2>				S E	29.28	
<3>				S E	29.26	
<4>				S S E	29.25	
<5>				S S E	29.25	
<6>				Calm	29.25	
<7>				Calm	29.23	
<8>				Calm	29.24	
<9>				Calm	29.25	
<10>				Calm	29.25	
<11>				Calm	29.24	
<12>				Calm	29.23.	
7/19 <A.M.>						
<1>				S x E	29.22	
<2>				S x E	29.23	
<3>				S x E	29.23	
<4>				S x E	29.22	
<5>				S	29.22	
<6>				S	29.22	
<7>				S	29.22	
<8>				S	29.24	
<9>				Calm	29.22	
<10>				S W	29.25	
<11>				S W	29.25	
<12>				N x E.	29.25	

<Coal at noon, on hand,> [*blank in MS*] <; consumed during 24 hours,> [*blank in MS*] <Lat.,> [*blank in MS*] <, Long.,> [*blank in MS*]
<Examined and found correct.> Anthony F Nicklett Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [*stamped in ink*] <,*U.S.N., Comdg.*>

<Date> July 19 - 1913

<HOUR.>	<COURSE.>	<P. L.>	<SPEED.>	<WIND.>	<BAR.>	<REMARKS.>
<P.M.>						
<1>				N x E.	29.22	
<2>				N x W.	29.21	
<3>				N x W	29.21	
<4>				W x N.	29.21	
<5>				W x N	29.22	
<6>				N W x W.	29.21	
<7>				N W x W.	29.25	
<8>				S x E	29.25	
<9>				S x E	29.20	
<10>				N W	29.18	
<11>				W x N.	29.18	
<12>				W x N.	29.18.	
7/20 <A.M.>						
<1>				W x N	29.19	
<2>				N W	29.18	
<3>				N W	29.18	
<4>				S W	29.18	
<5>				S W.	29.20	
<6>				S.	29.20	
<7>				E S E	29.20	
<8>				E S E	29.21	
<9>	302°		8	N W x W	29.21	
<10>	302°		8	N W x W	29.23	
<11>	302°		7	N N W	29.24	
<12>	285°		6	N N W.	29.25	

<Coal at noon, on hand,> [*blank in MS*] <; consumed during 24 hours,> [*blank in MS*] <Lat.,> [*blank in MS*] <, Long.,> [*blank in MS*]
<Examined and found correct.> Anthony F Nicklett Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [*stamped in ink*] <,*U.S.N., Comdg.*>

<LOG OF THE U. S. S.> Essex <,> Anthony F. Nicklett O[hio] N[aval] M[ilitia] <, U.S.N., COMDG.>

<Date> July 20th 1913

<NAVIGATION DATA.>

<HOUR.>	<COURSE.>	<P. L.>	<SPEED.>	<WIND.>	<BAR.>	<REMARKS.>
<P.M.>						
<1>	281°		6	N W	29.25	
<2>				N̶ E.	29.19	
<3>				S.	29.26	
<4>				N N W.	29.28	
<5>				N E.	29.26	
<6>				N.	29.27	
<7>				N	29.29.	
<8>				N E	29.31	
<9>				N E	29.30	
<10>				N E	29.31	
<11>				N E	29.31	
<12>				N E.	29.28.	
<A.M.>						
July 21 <1>				N.	29.30	
<2>				N	29.30	
<3>				N	29.30	
<4>				N	29.31	
<5>				N	29.32	
<6>				N	29.34	
<7>				N	29.36	
<8>				N	29.36	
<9>				N W	29.38	
<10>				N W	29.40	
<11>				N W	29.40	
<12>				W.	29.41	

<Coal at noon, on hand,> [blank in MS] <; consumed during 24 hours,> [blank in MS] <Lat.,> [blank in MS] <, Long.,> [blank in MS]
<Examined and found correct.> Anthony F Nicklett Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [stamped in ink] <,U.S.N., Comdg.>

<Date> July 21st 1913.

<HOUR.>	<COURSE.>	<P. L.>	<SPEED.>	<WIND.>	<BAR.>	<REMARKS.>
<P.M.>						
<1>				W	29.30	
<2>				W	29.30	
<3>				W	29.30	
<4>				Calm	29.35	
<5>				Calm	29.39	
<6>				W	29.39	
<7>				W	29.38	
<8>				S	29.37	
<9>				S	29.38	
<10>				S	29.38	
<11>				S.	29.39	
<12>				S S W.	29.39.	
7/22. <A.M.>						
<1>				S S W	29.39	
<2>				S S W	29.39	
<3>				S W	29.38	
<4>				S W	29.37	
<5>				S W̶ S W.	29.37	
<6>				S S W.	29.39	
<7>				S S W	29.40	
<8>				S W	29.41	
<9>				S W	29.41	
<10>				S W	29.41	
<11>				W	29.41	
<12>				S W.	29.41	

<Coal at noon, on hand,> [blank in MS] <; consumed during 24 hours,> [blank in MS] <Lat.,> [blank in MS] <, Long.,> [blank in MS]
<Examined and found correct.> Anthony F Nicklett Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [stamped in ink] <,U.S.N., Comdg.>

<LOG OF THE U. S. S.> Essex. <,> Anthony F. Nicklett O[hio] N[aval] M[ilitia] <, U.S.N., COMDG.>

<Date> July 22/1913

<NAVIGATION DATA.>

<HOUR.>	<COURSE.>	<P. L.>	<SPEED.>	<WIND.>	<BAR.>	<REMARKS.>
<P.M.>						
<1>				N W	29.41	
<2>				N W	29.41	
<3>				N E	29.38	
<4>				E	29.37	
<5>				E x S	29.37	
<6>				E x S	29.36	
<7>				E x S	29.36	
<8>				E x S	29.35	
<9>				E x S	29.35	
<10>				S	29.35	
<11>				S	29.31	
<12>				S	29.30.	
<A.M.>						
7/23 <1>				S W	29.29	
<2>				S W	29.30	
<3>				S W	29.31	
<4>				S W	29.29	
<5>				Calm	20.26	
<6>				S S W	29.25	
<7>				S S W	29.25	
<8>				S S W	29.25	
<9>				S S W	29.25	
<10>				S W x W.	29.27	
<11>				N W	29.29	
<12>				N W.	29.29	

<Coal at noon, on hand,> [*blank in MS*] <; consumed during 24 hours,> [*blank in MS*] <Lat.,> [*blank in MS*] <, Long.,> [*blank in MS*]
<Examined and found correct.> Anthony F Nicklett Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [*stamped in ink*] <,*U.S.N., Comdg.*>

<Date> July 23-1913

<HOUR.>	<COURSE.>	<P. L.>	<SPEED.>	<WIND.>	<BAR.>	<REMARKS.>
<P.M.>						
<1>				N W	29[.]28	
<2>				N W	29[.]25	
<3>				N W.	29[.]24	
<4>				N W	29[.]24	
<5>				N W	29[.]24	
<6>				Calm	29[.]21	
<7>				N E	29[.]22	
<8>				N E	29[.]20	
<9>				N E	29[.]24	
<10>				W	29.25	
<11>				W	29.24	
<12>				W.	29.24	
<A.M.>						
7/24 <1>				N W	29.23	
<2>				N W	29.23	
<3>				N W x W	29.23	
<4>				N W x W	29.23	
<5>				N W x W	29.22	
<6>				N W x W	29.23	
<7>				N N W	29.23	
<8>				W	29.24	
<9>				W	29.24	
<10>				W	29.26	
<11>				N W	29.26	
<12>				N W.	29.27	

<Coal at noon, on hand,> [*blank in MS*] <; consumed during 24 hours,> [*blank in MS*] <Lat.,> [*blank in MS*] <, Long.,> [*blank in MS*]
<Examined and found correct.> Anthony F Nicklett Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [*stamped in ink*] <,*U.S.N., Comdg.*>

<Date> July 24 – 1913

<NAVIGATION DATA.>

<HOUR.>	<COURSE.>	<P. L.>	<SPEED.>	<WIND.>	<BAR.>	<REMARKS.>
<P.M.>						
<1>				N W.	29.28	
<2>				N W	29.28	
<3>				W x N	29.28	
<4>				W x N	29.28	
<5>				N W x N	29.30	
<6>				N W x N	29.32	
<7>				N	29.33	
<8>				N	29.35	
<9>				N	29.34	
<10>				N E x E	29.34	
<11>				N E x E	29.34	
<12>				N E x E	29.34	
<A.M.>						
<1>				N E	29.35	
<2>				N E	29.35	
<3>				N E	29.37	
<4>				N	29.37	
<5>				N	29.37	
<6>				N	29.42	
<7>				N	29.42	
<8>				N	29.43	
<9>				E N E	29.44	
<10>				E N E	29.44	
<11>				E N E	29.47	
<12>				N N E.	29.47	

(7/25 appears at hour <2> A.M.)

<Coal at noon, on hand,> [*blank in MS*] <; consumed during 24 hours,> [*blank in MS*] <Lat.,> [*blank in MS*] <, Long.,> [*blank in MS*]
<Examined and found correct.> Anthony F Nicklett Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [*stamped in ink*] <,*U.S.N., Comdg.*>

<Date> July 25 - 1913

<HOUR.>	<COURSE.>	<P. L.>	<SPEED.>	<WIND.>	<BAR.>	<REMARKS.>
<P.M.>						
<1>				N E.	29.46	
<2>				E x N	29.47	
<3>				E x N	29.46	
<4>				N ~~N~~ E.	29.45	
<5>				N E	29.44	
<6>				N E	29.44	
<7>				E	29.42	
<8>				E	29.42	
<9>				E	29.42	
<10>				S E x E	29.40	
<11>				S E x E	29.41	
<12>				S E x E	29.42	
<A.M.>						
<1>				S. E.	29.41	Underway at 8^{25} AM passed Red Can 8^{30} at 10^{42} Course 287°
<2>				S E	29.40	Anchored at Monroe Piers 11^{41} AM.
<3>				S E	29.40	
<4>				E S E	29.41	
<5>				E S E	29.41	
<6>				E S E	29.40	
<7>				E S E	29.40	
<8>				E S E	29.40	
<9>				W S W	29.40	
<10> 42	287°.			W S W	29.41	
<11>	287°			W	29.37	
<12>				E x S.	29.37	

(7/26. appears at hour <2> A.M.)

<Coal at noon, on hand,> [*blank in MS*] <; consumed during 24 hours,> [*blank in MS*] <Lat.,> [*blank in MS*] <, Long.,> [*blank in MS*]
<Examined and found correct.> Anthony F Nicklett Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [*stamped in ink*] <,*U.S.N., Comdg.*>

<LOG OF THE U. S. S.> Essex <,> Anthony F Nicklett. O[hio] N[aval] M[ilitia] <, U.S.N., COMDG.>

<Date> July 26 - 1913

<NAVIGATION DATA.>

<HOUR.>	<COURSE.>	<P. L.>	<SPEED.>	<WIND.>	<BAR.>	<REMARKS.>
<P.M.>						
<1>				E x S.	29.35	
<2>				E x S	29.34	
<3>				E x S	29.32	
<4>				E x S E	29.30	
<5>				E x S E	29.30	
<6>				E x S E	29.30	
<7>				S E	29.30	
<8>				S E	29.30	
<9>				E x S E	29.29	
<10>	9. 5/8		8 5/8.	E x S E.	29.30	
<11>				S E	29.30	
<12>				S E.	29.30	
<A.M.>						
<1>				S W	29.30	Underway 10^{07} A M.
<2> 7/27				S W	29.25	
<3>				S W	29.29	
<4>				S W	29.29	
<5>				S W	29.25	
<6>				S W	29.27	
<7>				S W	29.28	
<8>				S W	29.29	
<9>				S W x W	29.30	
<10>				S W	29.30	
<11>	200°		8.5	S S W	29.30	
<12>			8.0	S W	29.27	

<Coal at noon, on hand,> [blank in MS] <; consumed during 24 hours,> [blank in MS] <Lat.,> [blank in MS] <, Long.,> [blank in MS]
<Examined and found correct.> Anthony F Nicklett Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [stamped in ink] <,U.S.N., Comdg.>

<Date> July 27/1913

<HOUR.>	<COURSE.>	<P. L.>	<SPEED.>	<WIND.>	<BAR.>	<REMARKS.>
<P.M.>						
<1>				S W	29.28	
<2>				S W	29.28	
<3>				S W	29.28	
<4>				S W	29.30	
<5>				S W	29.31	
<6>				S W	29.34	
<7>				S W	29.35	
<8>				S W	29.35	
<9>				S W	29.35	
<10>				S W	29.33	
<11>				S W	29.32	
<12>				S W	29.32.	
<A.M.>						
<1>				S W x W	29.31	
<2> 7/28.				S S W.	29.31	
<3>				S S W	29.31	
<4>				S W	29.31	
<5>				S W	29.32	
<6>				S W	29.33	
<7>				S W	29.34	
<8>				S W	29.35	
<9>				S W x W	29.41	
<10>				W.	29.41	
<11>				W	29.41	
<12>				W.	29.41	

<Coal at noon, on hand,> [blank in MS] <; consumed during 24 hours,> [blank in MS] <Lat.,> [blank in MS] <, Long.,> [blank in MS]
<Examined and found correct.> Anthony F Nicklett Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [stamped in ink] <,U.S.N., Comdg.>

<Date> July 28th 1913

<NAVIGATION DATA.>

<HOUR.>	<COURSE.>	<P. L.>	<SPEED.>	<WIND.>	<BAR.>	<REMARKS.>
<P.M.>						
<1>				S x W	29.41	
<2>				S x W	29.41	
<3>				S x W	29.41	
<4>				E	29.41	
<5>				E	29.41	
<6>				E	29.42	
<7>				E	29.44	
<8>				E	29.44	
<9>				E	29.43	
<10>				E	29.43	
<11>				E	29.46	
<12>				E	29.46	
<A.M.>						
<1>				S S W	29.46	
<2>				S S W	29.45	
<3>				S S W	29.44	
<4>				S S W	29.44	
<5>				Calm	29.41	
<6>				Calm	29.39	
<7>				Calm	29.39	
<8>				Calm	29.40	
<9>				Calm	29.40	
<10>				Calm	29.41	
<11>				Calm	29.41	
<12>				Calm	29.42	

(7/29 is noted beside hour <2> of A.M.)

<Coal at noon, on hand,> [*blank in MS*] <; consumed during 24 hours,> [*blank in MS*] <Lat.,> [*blank in MS*] <, Long.,> [*blank in MS*]

<Examined and found correct.> Anthony F Nicklett Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [*stamped in ink*] <,*U.S.N., Comdg.*>

<Date> July 29th 1913 -

<HOUR.>	<COURSE.>	<P. L.>	<SPEED.>	<WIND.>	<BAR.>	<REMARKS.>
<P.M.>						
<1>				W	29.40	
<2>				W	29.39	
<3>				W	29.40	
<4>				W	29.40	
<5>				W	29.39	
<6>				W	29.36	
<7>				W	29.36	
<8>				S W	29.37	
<9>				S W	29.37	
<10>				S W	29.38	
<11>				S	29.38	
<12>				S S E.	29.39.	
<A.M.>						
<1>				S E	29.40	
<2>				S E	29.39	
<3>				S E	29.35	
<4>				S E	29.34	
<5>				E	29.35	
<6>				E	29.36	
<7>				E	29.37	
<8>				E	29.38	
<9>				E	29.39	
<10>				N E	29.42	
<11>				N E	29.42	
<12>				E.	29.42	

(7/30 is noted beside hour <2> of A.M.)

<Coal at noon, on hand,> [*blank in MS*] <; consumed during 24 hours,> [*blank in MS*] <Lat.,> [*blank in MS*] <, Long.,> [*blank in MS*]

<Examined and found correct.> Anthony F Nicklett Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [*stamped in ink*] <,*U.S.N., Comdg.*>

<LOG OF THE U. S. S.> Essex <,> Anthony F. Nicklett O[hio] N[aval] M[ilitia] <, U.S.N., COMDG.>

<Date> July 30/1913

<NAVIGATION DATA.>

<HOUR.>	<COURSE.>	<P. L.>	<SPEED.>	<WIND.>	<BAR.>	<REMARKS.>
<P.M.>						
<1>				E "	29.40	
<2>				E	29.40	
<3>				E	29.40	
<4>				E N E	29.40	
<5>				E N E	29.40	
<6>				N E	29.40	
<7>				N E	29.40	
<8>				N E	29.41	
<9>				N E	29.43	
<10>				N E	29.45	
<11>				N E	29.43	
<12>				N E.	29.40	
<A.M.>						
<1>				N E	29.39	
<2>				N E	29.38	
<3>				N E	29.38	
<4>				N E	29.37	
<5>				N E	29.37	
<6>				S E.	29.36	
<7>				S E.	29.37	
<8>				S E	29.37	
<9>				S E	29.38	
<10>				S E	29.38	
<11>				E S E	29.39	
<12>				E S E.	29[.]40	

(7/31 at row <2> of A.M.)

<Coal at noon, on hand,> [blank in MS] <; consumed during 24 hours,> [blank in MS] <Lat.,> [blank in MS] <, Long,> [blank in MS]
<Examined and found correct.> Anthony F Nicklett Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [stamped in ink] <,U.S.N., Comdg.>

<Date> July 31 - 1913

<HOUR.>	<COURSE.>	<P. L.>	<SPEED.>	<WIND.>	<BAR.>	<REMARKS.>
<P.M.>						
<1>				E S E.	29.40	
<2>				E S E	29.40	
<3>				E S E	29.39	
<4>				E S E	29.38	
<5>				E S E	29.32	
<6>				E S E.	29.33	
<7>				N N W.	29.37	
<8>				N N W.	29.38	
<9>				N N W.	29.38	
<10>				N N W	29.36	
<11>				N N W	29.35	
<12>				N N W.	29.34	
<A.M.>						
<1>				N N W.	29.33	Terminal Bridge 1³⁵ PM. Red Can 1⁴⁴ PM. Crib Light 2¹⁵ Toledo Harbor Lt [Light] 2⁴³ PM. Adjusting Compasses
<2>				N	29.32	245 to 330 PM. at 332 Course 34° Rounded Detroit River up bound channel buoy. at.
<3>				N	29.32	5 PM – Bass Point 513 P. Amersburg [Amherstburg]. Ranges 540 PM. Elliot [sic] Ranges 559 PM.
<4>				N	29.34	Texas dock Ranges 6¹⁰ P.M. Ft Malden Range 6¹⁸ PM.
<5>				N	29.36	
<6>				N	29.40	Anchored. foot Woodward Av. 8⁵⁰ P.M.
<7>				N	29.42	
<8>				N	29.42	
<9>				N	29.45	
<10>				N	29.45	
<11>				N	29.45	
<12>				N.	29.46	

(Aug 1- at row <2> of A.M.)

<Coal at noon, on hand,> [blank in MS] <; consumed during 24 hours,> [blank in MS] <Lat.,> [blank in MS] <, Long,> [blank in MS]
<Examined and found correct.> Anthony F Nicklett Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [stamped in ink] <,U.S.N., Comdg.>

<LOG OF THE U. S. S.> Essex <,> Anthony F Nicklett O[hio] N[aval] M[ilitia] <, U.S.N., COMDG.>

<Date> Aug 1st 1913

<NAVIGATION DATA.>

<HOUR.>	<COURSE.>	<P. L.>	<SPEED.>	<WIND.>	<BAR.>	<REMARKS.>
<P.M.>						
<1>				N E x N.	29.44	
<2>				N E x N	29.44	
<3> 32	34º			N E x N	29.43	
<4>				N E x N	29.41	
<5>				N	29.40	
<6>				N	29.41	
<7>				E	29.42	
<8>				E	29.42	
<9>				E.	29.42	
<10>				E	29.42	
<11>				E	29.43	
<12>				E.	29.42	
<A.M.>						
<1>				N W x N	29.41	Underway 645 AM. Windmill point 7⁴⁰. at 7⁵² Can Buoy Lake St Clair
8/2 <2>				N W x N	29.39	Lake St Clair Lt [Light] Ship 859 A M. St Clair flats Light. 936 A M. Marine City 12¹⁰ PM.
<3> 32				N W x N	29.39	St Clair City 1¹⁰ P M. Ft Gratiot Lt [Light]. 3²⁰ P M.
<4>				N W x N	29.38	Passed Light Ship 3³⁴ Put out Log. reading 0.
<5>				N W x N	29.39	920 P M Harbour [sic] Beech [sic]. Lt[Light]. bearing 4 Pts Port bow. 9.45 Abeam. 8.6 Miles
<6>				N W x N	29.40	fixing position 3 1/2 Miles off Shore
<7>				N E x E	29.40	At Midnight. Pt Aux Barqus [sic] Bears 76 W.
<8>				N E x E	29.40	
<9>				N E	29.40	
<10>				N E	29.40	
<11>				E	29.40	
<12>				E.	29.42.	

<Coal at noon, on hand,> [blank in MS] <; consumed during 24 hours,> [blank in MS] <Lat.,> [blank in MS] <, Long.,> [blank in MS]

<Examined and found correct.> Anthony F Nicklett Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [stamped in ink] <,U.S.N., Comdg.>

<Date> Augt 2/1913 -

<HOUR.>	<COURSE.>	<P. L.>	<SPEED.>	<WIND.>	<BAR.>	<REMARKS.>
<P.M.>						
<1>				N	29.42	
<2>				N	29.42	
<3>		4.6	3.3	N	29.40	
<4>	356°	11.5		N	29.41	
<5>	356°	19.6.		N	29.34	
<6>	356°	27.5		N	29.34	
<7>	356°	35.		N	29.34	
<8>	340°	42.5		N	29.33	
<9>	346°	50.	7 1/2	N	29.30	
<10>	346°	57.5	7 1/2	N	29.29	
<11>	346°	62.5	7.5.	N	29.27	
<12>	346°			N	29.26	
<A.M.>						
<1>	346°	74.2		W.	29.26	1 A M. Pt Aux Barqus [sic]. abeam distance 10 Miles
8/3. <2>	346°	81.		W	29.27	
<3>	346°	89.		W	29.24	
<4>	346°	96.1		W	29.25	
<5>	340°	101.0	7 3/4	N W	29.24	
<6>	340°	110.1	6 1/4	N W	29.25	6⁴⁵ A M Au Sable on Port beam. Sturgeon Point on Port beam 7⁴⁵ A M.
<7>	340°	118.8	8 1/2	N W	29.25	
<8>	340°	126.7	7.9	N W	29.21	
<9>	N W 1/2 W.	134.6	7.8	N W	29.22	
<10>	N W 1/2 W	141.5	6.9	N W	29.23	
<11>	N W 1/2 W	149.2	7.7	N W	29.24	
<12>	N W 1/2 W.	157	7.8	N W.	29.25	at Noon Presque Isle Beam S x E.

<Coal at noon, on hand,> [blank in MS] <; consumed during 24 hours,> [blank in MS] <Lat.,> [blank in MS] <, Long.,> [blank in MS]

<Examined and found correct.> Anthony F Nicklett Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [stamped in ink] <,U.S.N., Comdg.>

<LOG OF THE U. S. S.> Essex. <,> Anthony F. Nicklett O[hio] N[aval] M[ilitia] <, U.S.N., COMDG.>

<Date> Aug 3 – 1913.

<NAVIGATION DATA.>

<HOUR.>	<COURSE.>	<P. L.>	<SPEED.>	<WIND.>	<BAR.>	<REMARKS.>
<P.M.>						
<1>	N W 1/2 W.	165		N W.	29.25	5¹⁰ P. M. passed. Poe. Reef Light ship. Steering various course through
<2>	N W 1/2 W.	172.7		N W	29.23	Straits of Mackinaw.. [sic]
<3>	N W 1/2 W	181.1		N W	29.26	
<4>	285°	188		N E.	29.26	
<5>	270°	195.3		N W.	29.28	
<6>	302°	203.	7.7	N W	29.29	
<7>	275°	210.7	7.7	N W	29.31	
<8>	275°	217.3	6.6	N W	29.31	
<9>	275°	226.5.	9.0	N N W	29.32	
<10>	228° - 202°	234.5	7.8	N N W	29.33	
<11>	218°	241.3	7.8	N N W	29.32	
<12>	218°	249.5.	7.8	N N W.	29.32	
<A.M.>						
<1>	218°	257.	7.5	N E	29.32	Beaver Is. Lt [Light]. 1220 A M.
8/4 <2>	270°	265	8.0	N E	29.33	
<3>	218°	272.4	7.4	N E	29.33	
<4>	228°	280.2	7.8	N E	29.35	
<5>	228°	287.8	7.6	N E	29.35	
<6>	234°	2.95.	7.2	N E	29.36	
<7>	234°	303.1	8.1	N E	29.37	
<8>	234°	3.11	7.9	N E	29.40	
<9>	205°	319.5	8.5	N E	29.43	
<10>	205°	327.	7.5	N E	29.43	
<11>	205°	335.1	8.2	N E	29.41	
<12>	205°	343.		N E	29.41	

<Coal at noon, on hand,> [blank in MS] <; consumed during 24 hours,> [blank in MS] <Lat.,> [blank in MS] <, Long.,> [blank in MS]
<Examined and found correct.> Anthony F Nicklett Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [stamped in ink] <,U.S.N., Comdg.>

<Date> Aug 4 - 1913

<HOUR.>	<COURSE.>	<P. L.>	<SPEED.>	<WIND.>	<BAR.>	<REMARKS.>
<P.M.>						
<1>	205°	350.4	7.4	S x E	29.39	
8/4 <2>	205°	357.7	7.3	N	29.39	
<3>	226°	365.1	7.4	N	29.39	
<4>	226°	371.2	6.1	N	29.38	
<5>	226°	376.3	5.1	N x W	29.36	
<6>	226°	381.7	5.4	N x W	29.36	
<7>	226°	387.	6.	N x W	29.38	
<8>	226°	391.5	4.5.	N x W	29.37	
<9>	226°	396.3	4.8	N x W	29.38	
<10>	226°	401.2	5.9	N x W	29.38	
<11>	226°	405.2	4.	N x W	29.36	
<12>	226°	410.4	5.2.	N x W.	29.36	
<A.M.>						
<1>	226°	416.5	4.9	S E	29.35	
8/5 <2>	226°	421.5	5	S E	29.35	
<3>	226°	425.9	4.4	S E	29.35	3³⁰ Milwaukee Lt [Light]. dead ahead.
<4>	226°	430.5	4.6	S E	29.35	
<5>	226°	435	5.	S E	29.36	
<6>	N E	439.5	4.5	S E	29.36	
<7>		444.5	5.	S E	29.36	
<8>		449.	5.	S E	29.35	
<9>				S E	29.33	
<10>				S E	29.32	
<11>				S E	29.31	
<12>				S E	29.30	

<Coal at noon, on hand,> [blank in MS] <; consumed during 24 hours,> [blank in MS] <Lat.,> [blank in MS] <, Long.,> [blank in MS]
<Examined and found correct.> Anthony F Nicklett Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [stamped in ink] <,U.S.N., Comdg.>

<Date> Augt 5 – 1913

<NAVIGATION DATA.>

<HOUR.>	<COURSE.>	<P. L.>	<SPEED.>	<WIND.>	<BAR.>	<REMARKS.>
<P.M.>						
<1>				S S E.	29.28.	
<2>				S S E	29.26	
<3>				S S E.	29.23	
<4>				S S E.	29.22	
<5>				S S E	29.21	
<6>				S S E	29.23	
<7>				S S E	29.23	
<8>				S S E	29.23	
<9>				S S E	29.23	
<10>				S S E	29.23	
<11>				S S E	29.23	
<12>				S S E.	29.23	
<A.M.>						
<1>				S x E.	29.24	
<2>				N W x W.	29.24	
<3>				N W x W	29.23	
<4>				N W x W.	29.24	
<5>				S W x W.	29.24	
<6>				S W x W	29.24	
<7>				S W x W	29.22	
<8>				S W x W	29.23	
<9>				S W x W	29.26	
<10>				S W x W	29.26	
<11>				S W x W	29.26	
<12>				S W x W.	29.26	

(Aug 6th is noted beside hour <2> of the A.M. section above.)

<Coal at noon, on hand,> [*blank in MS*] <; consumed during 24 hours,> [*blank in MS*] <Lat.,> [*blank in MS*] <, Long.,> [*blank in MS*]

<Examined and found correct.> Anthony F Nicklett Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [*stamped in ink*] <,*U.S.N., Comdg.*>

<Date> Aug 6th 1913

<HOUR.>	<COURSE.>	<P. L.>	<SPEED.>	<WIND.>	<BAR.>	<REMARKS.>
<P.M.>						
<1>				S W.	29.26	
<2>				N E	29.27	
<3>				N x E	29.27	
<4>				N x E	29.27	
<5>				N x E	29.27	
<6>				N x E	29.27	
<7>				N x E	29.27	
<8>				N x E	29.29	
<9>				N x E	29.29	
<10>				N x E	29.29	
<11>				N x E	29.27	
<12>				N N E	29.27	
<A.M.>						
<1>				N N E	29.27	
<2>				N N E	29.26	
<3>				N N E	29.26	
<4>				N N E	29.26	
<5>				N N E	29.26	
<6>				N N E	29.26	
<7>				N N E	29.27.	
<8>				N N E	29.27	
<9>				N N E	29.26	
<10>				N N E.	29.25	
<11>				N N E	29.25	
<12>				N N E	29.24	

(Aug 7th is noted beside hour <2> of the A.M. section above.)

<Coal at noon, on hand,> [*blank in MS*] <; consumed during 24 hours,> [*blank in MS*] <Lat.,> [*blank in MS*] <, Long.,> [*blank in MS*]

<Examined and found correct.> Anthony F Nicklett Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [*stamped in ink*] <,*U.S.N., Comdg.*>

<LOG OF THE U. S. S.> Essex <,> Anthony F Nicklett O[hio] N[aval] M[ilitia] <, U.S.N., COMDG.>

<Date> Aug 7th 1913

<NAVIGATION DATA.>

<HOUR.>	<COURSE.>	<P. L.>	<SPEED.>	<WIND.>	<BAR.>	<REMARKS.>
<P.M.>						
<1>				N N E.	29.23	
<2>				N N E	29.21	
<3>				N N E	29.22	
<4>				N N E.	29.23	
<5>				N	29.22	
<6>				N	29.21	
<7>				N W.	29.21	
<8>				N W	29.21	
<9>				N W	29.20	
<10>				N W.	29.18	
<11>				S S. E.	29.18	
<12>				S S E.	29.05	
<A.M.>						
<1>				S S E	29.03	
<2>				S S E	29.03	
<3>				S	29.00	
<4>				S	29.00	
<5>				S	29.00	
<6>				S	29.01	
<7>				S	29.03	
<8>				S	29.05	
<9>				S	29.06	
<10>				S	29.07	
<11>				S	29.08	
<12>				S	29.10	

(8/8. marked at A.M. <2>)

<Coal at noon, on hand,> [*blank in MS*] <; consumed during 24 hours,> [*blank in MS*] <Lat.,> [*blank in MS*] <, Long.,> [*blank in MS*]
<Examined and found correct.> Anthony F Nicklett Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [*stamped in ink*] <,*U.S.N., Comdg.*>

<Date> Aug 8 - 1913

<HOUR.>	<COURSE.>	<P. L.>	<SPEED.>	<WIND.>	<BAR.>	<REMARKS.>
<P.M.>						
<1>				N E	29.11	
<2>				N E	29.12	
<3>				N E	29.12	
<4>				N E	29.12	
<5>				N E	29.13	
<6>				N N E	29.12	
<7>				N N E	29.13	
<8>				N N E	29.14	
<9>				N N E	29.15	
<10>				N E x E	29.16	
<11>				N E x E	29.13	
<12>				N E x E	29.13	
<A.M.>						
<1>				N E.	29.22	
<2>				N E	29.35	
<3>				N E	29.36	
<4>				N E	29.33	
<5>				N E	29.25	
<6>				E N E	29.19	
<7>				E N E	29.19	
<8>				N E	29.19	
<9>	6°		5	N E	29.18	
<10>	9°		7	N x E	29.18	
<11>	9°		8	N x E	29.19	
<12>	9°		7	N x E	29.19	

(8/9 marked at A.M. <2>)

<Coal at noon, on hand,> [*blank in MS*] <; consumed during 24 hours,> [*blank in MS*] <Lat.,> [*blank in MS*] <, Long.,> [*blank in MS*]
<Examined and found correct.> Anthony F Nicklett Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [*stamped in ink*] <,*U.S.N., Comdg.*>

<Date> Aug 9ᵗʰ 1913

<NAVIGATION DATA.>

<HOUR.>	<COURSE.>	<P. L.>	<SPEED.>	<WIND.>	<BAR.>	<REMARKS.>
<P.M.>						
<1>	9°			N	29.19	
<2>	9°			N	29.19	
<3>	9°			N	29.19	
<4>	17°			N N E	29.19	
<5>	15°			N N E	29.19	
<6>	15°		[erased data]	N N E	29.19	
<7>	15°		[erased data]	N N E	29.19	
<8>	15°	[erased data]	[erased data]	N N E.	29.19	
<9>	9°	[erased data]		N	29.21	
<10>	9°	[erased data]		N	29.22	
<11>	9°	[erased data]		N	29.20	
<12>	N x E.			N	29.20.	
<A.M.>						
<1>				N	29.24	
8/10 <2>				N	29.25	
<3>				N	29.27	
<4>				N	29.27	
<5>				N	29.34	
<6>				N	29.38	
<7>				N x W.	29.38	
<8>	285°			N x W	29.38	
<9>	230°			N	29.42	
<10>	216°			N	29.43	
<11>	216°			N	29.43	
<12>				N.	29.43	

<Coal at noon, on hand,> [blank in MS] <; consumed during 24 hours,> [blank in MS] <Lat.,> [blank in MS] <, Long.,> [blank in MS]

<Examined and found correct.> Anthony F Nicklett Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [stamped in ink] <,U.S.N., Comdg.>

<Date> Aug 10ᵗʰ 1913

<HOUR.>	<COURSE.>	<P. L.>	<SPEED.>	<WIND.>	<BAR.>	<REMARKS.>
<P.M.>						
<1>				N E.	29.42	
<2>				N E	29.44	
<3>				N E	29.44	
<4>				N E	29.43	
<5>				N E	29.44	
<6>				N E	29.43	
<7>				N N E	29.46	
<8>				N N E	29.46	
<9>				N N E	29.46	
<10>				N N E	29.46	
<11>				N N E	29.46	
<12>				N N E	29.46	
<A.M.>						
<1>				N E.	29.45	
8/11 <2>				N E	29.45	
<3>				N E	29.45	
<4>				N E	29.45	
<5>				N E	29.45	
<6>				N E	29.45	
<7>				N E	29.46	
<8>				N E	29.47	
<9>				N E	29.48	
<10>				N E x E	29.48	
<11>				N E x E	29.48	
<12>				N E x E	29.48	

<Coal at noon, on hand,> [blank in MS] <; consumed during 24 hours,> [blank in MS] <Lat.,> [blank in MS] <, Long.,> [blank in MS]

<Examined and found correct.> Anthony F Nicklett Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [stamped in ink] <,U.S.N., Comdg.>

<LOG OF THE U. S. S.> Essex. <,> Anthony F. Nicklett. O[hio] N[aval] M[ilitia] <, U.S.N., COMDG.>

<Date> Aug 11th 1913

<NAVIGATION DATA.>

<HOUR.>	<COURSE.>	<P. L.>	<SPEED.>	<WIND.>	<BAR.>	<REMARKS.>
<P.M.>						
<1>				W N W.	29.48	
<2>				E N E	29.48	
<3>				E N E	29.48	
<4>				E N E	29.47	
<5>				E N E	29.46	
<6>				E N E	29.44	
<7>				E N E	29.43	
<8>				E N E	29.43	
<9>				E N E	29.43	
<10>				E N E	29.43	
<11>				E N E	29.43	
<12>				E N E	29.44	
<A.M.>						
<1>				E N E	29.44	
<2>				E N E	29.42	
<3>				E N E.	29.40	
<4>				E N E	29.41	
<5>				E N E	29.41	
<6>				N W x N	29.41	
<7>				N W x N	29.40	
<8>				N W x N	29.40	
<9>				N W x N	29.40	
<10>				N W x N	29.39	
<11>				N E	29.39	
<12>				N E	29.41	

(8/12 noted at row <2> A.M.)

<Coal at noon, on hand,> [*blank in MS*] <; consumed during 24 hours,> [*blank in MS*] <Lat.,> [*blank in MS*] <, Long.,> [*blank in MS*]
<Examined and found correct.> Anthony F Nicklett Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [*stamped in ink*] <,*U.S.N., Comdg.*>

<Date> Aug 12th 1913.

<HOUR.>	<COURSE.>	<P. L.>	<SPEED.>	<WIND.>	<BAR.>	<REMARKS.>
<P.M.>						
<1>				N E	29.39	
<2>				N E	29.39	
<3>				N E	29.39	
<4>				N E	29.39	
<5>				N E	29.40	
<6>				N E	29.40	
<7>				N E	29.38	
<8>				N E	29.36	
<9>				N E	29.36	
<10>				N E	29.38	
<11>				N E	29.38	
<12>				N E	29.39	
<A.M.>						
<1>				N E	29.34	
<2>				N W.	29.33	
<3>				N W.	29.34	
<4>				N W	29.34	
<5>				N W	29.36	
<6>				N W	29.38	
<7>				N W.	29.41	
<8>				S W	29.39	
<9>				S W	29.37	
<10>				S W x W	29.36	
<11>				S W x W	29.34	
<12>				S W x W.	29.34	

(8/13 noted at row <2> A.M.)

<Coal at noon, on hand,> [*blank in MS*] <; consumed during 24 hours,> [*blank in MS*] <Lat.,> [*blank in MS*] <, Long.,> [*blank in MS*]
<Examined and found correct.> Anthony F Nicklett Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [*stamped in ink*] <,*U.S.N., Comdg.*>

<p style="text-align:center"><LOG OF THE U. S. S.> Essex. <,> Anthony F. Nicklett <, U.S.N., COMDG.></p>

<Date> Aug 13 - 1913.

<NAVIGATION DATA.>

<HOUR.>	<COURSE.>	<P. L.>	<SPEED.>	<WIND.>	<BAR.>	<REMARKS.>
<P.M.>						
<1>				S W x W.	29.35	
<2>				S W x W	29.35	
<3>				S W x W.	29.35	
<4>				S W	29.36	
<5>				S W	29.36	
<6>				S W	29.36	
<7>				S W	29.35	
<8>				S W	29.36	
<9>				S W	29.36	
<10>				S W X W	29.36	
<11>				S W	29.33	
<12>				S –	29.32.	
<A.M.>						
<1>				S S E.	29.32	Underway 11⁵⁵ A M. 6 P M passing Sturgeon Bay 6²⁰ PM Entered ship canal.
<2>				S S E.	29.32	6³² Passed Pier head light. 8¹⁵ P M. Algoma Abeam.
<3>				S E	29.32	9¹⁹ P M. Kewanee [Kewaunee] abeam dist 7 Miles
<4>				S E	29.33	10²⁰ P M Twin river crib 3 pts on stb [starboard] bow.
<5>				S E	29.32.	11⁰⁵ P M Twin " Abeam.
<6>				S E	29.27	12 Mid – Manitowoc Abeam
<7>				S E	29.27	
<8>				S	29.29	
<9>				S W x S.	29.30	
<10>				S W x S	29.32	
<11>				S W x S.	29.32	
<12>				S W x S.	29.32.	

(8/14 at left of A.M. rows)

<Coal at noon, on hand,> [blank in MS] <; consumed during 24 hours,> [blank in MS] <Lat.,> [blank in MS] <, Long.,> [blank in MS]
<Examined and found correct.> Anthony F Nicklett Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [stamped in ink] <,U.S.N., Comdg.>

<Date> Aug 14/1913

<HOUR.>	<COURSE.>	<P. L.>	<SPEED.>	<WIND.>	<BAR.>	<REMARKS.>
<P.M.>						
<1>				N E x E.	29.27	
<2>	40°		7.8	N E x E.	29.26	
<3>	40°		7.8	E N E.	29.25	
<4>	54°		7.5	N E.	29.25	
<5>	54° & 130°		8.0	Calm	29.24	
<6>	Canal.		8.0	Calm.	29.23	
<7>	194°	0.	8.0	S	29.24	
<8>	194°	7.5	8.0	S	29.24	
<9>	194°	15.5	8.0	S	29.21	
<10>	194°	23.5	8.2	S	29.21	
<11>	194°	32.5	9.0	S	29.22	
<12>	194°	41.5	9.0	S.	29.20	
<A.M.>						
<1>	194°	49.5	8.	S	29.20	
<2>	194°	58.1	8.6	S x W	29.22	
<3>	194°	65.7	7.6	S x W.	29.22	
<4>	194°	73.5	7.8	S x W.	29.22	
<5>	194°	82.	8.5	S x W	29.20	
<6>	194°	90.3	8.3	E	29.25	
<7>	194°.	99.	8.7	E	29.24	
<8>				E	29.23	
<9>				E	29.26	
<10>				E	29.26	
<11>				S S W.	29.26	
<12>				S.	29.27	

(8/15 at left of A.M. rows)

<Coal at noon, on hand,> [blank in MS] <; consumed during 24 hours,> [blank in MS] <Lat.,> [blank in MS] <, Long.,> [blank in MS]
<Examined and found correct.> Anthony F Nicklett Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [stamped in ink] <,U.S.N., Comdg.>

<LOG OF THE U. S. S.> Essex. <,> Anthony F. Nicklett. O[hio] N[aval] M[ilitia] <, U.S.N., COMDG.>

<Date> Aug 15 – 1913.

<NAVIGATION DATA.>

<HOUR.>	<COURSE.>	<P. L.>	<SPEED.>	<WIND.>	<BAR.>	<REMARKS.>
<P.M.>						
<1>				S	29.27	
<2>				S x E	29.26	
<3>				S x E	29.25	
<4>				S x E	29.25	
<5>	96°			S x E	29.21	
<6>	N E x E 1/2 E.			S x E	29.21	
<7>				S x E	29.21	
<8>				S x E.	29.21	
<9>				S x E	29.21	
<10>				S x E	29.21	
<11>				S x E	29.21	
<12>				S x E.	29.21	
<A.M.>						
<1>				S x E	29.22	
<2> 8/16				S x E	29.23	
<3>				S x E	29.24	
<4>				S	29.25	
<5>				S	29.25	
<6>				S	29.25	
<7>				S	29.25	
<8>				S	29.25	
<9>				S	29.25	
<10>				S	29.25	
<11>				S	29.25	
<12>				S.	29.25	

<Coal at noon, on hand,> [blank in MS] <; consumed during 24 hours,> [blank in MS] <Lat.,> [blank in MS] <, Long,> [blank in MS]
<Examined and found correct.> Anthony F Nicklett Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [stamped in ink] <,U.S.N., Comdg.>

<Date> Aug 16ᵗʰ 1913

<HOUR.>	<COURSE.>	<P. L.>	<SPEED.>	<WIND.>	<BAR.>	<REMARKS.>
<P.M.>						
<1>				S	29.25	
<2>				S	29.25	
<3>				S	29.25	
<4>				S	29.25	
<5>				S	29.25	
<6>				S	29.25	
<7>				N N E	29.25	
<8>				N N E	29.24	
<9>				N N E	29.26	
<10>				N N E	29.27	
<11>				N N E	29.27	
<12>				N N E	29.27	
<A.M.>						
<1>				N N E.	29.27.	
<2> 8/17				N N E	29.27	
<3>				N N E.	29.27	
<4>				N x W	29.28	
<5>				N x W	29.28	
<6>				N x W	29.34	
<7>				N x W.	29.36	
<8>				S E x S.	29.34.	
<9>				S E x S	29.34	
<10>				S E x S	29.34	
<11>				S E x S.	29.34	
<12>				S E x S.	29.34	

<Coal at noon, on hand,> [blank in MS] <; consumed during 24 hours,> [blank in MS] <Lat.,> [blank in MS] <, Long.,> [blank in MS]
<Examined and found correct.> Anthony F Nicklett Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [stamped in ink] <,U.S.N., Comdg.>

<Date> Aug 17th 1913

<NAVIGATION DATA.>

<HOUR.>	<COURSE.>	<P. L.>	<SPEED.>	<WIND.>	<BAR.>	<REMARKS.>
<P.M.>						
<1>				N.	29.34	
<2>				N	29.34	
<3>				N	29.34	
<4>				N	29.34	
<5>				N	29.32	
<6>				N	29.30	
<7>				N	29.34	
<8>				N N W.	29.34	
<9>				N N W.	29.34	
<10>				N x E	29.34	
<11>				N x E	29.34	
<12>				N x E.	29.34.	
<A.M.>						
<1>				N x E	29.34	
8/18 <2>				N x E	29.33	
<3>				N x E	29.33	
<4>				N x E	29.33	
<5>				N x E.	29.33	
<6>				N	29.36	
<7>				N	29.38	
<8>				N.	29.39	
<9>				N.	29.40	
<10>				N.	29.39	
<11>				N.	29.39	
<12>				N.	29.40	

<Coal at noon, on hand,> [*blank in MS*] <; consumed during 24 hours,> [*blank in MS*] <Lat.,> [*blank in MS*] <, Long.,> [*blank in MS*]

<Examined and found correct.> Anthony F Nicklett Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [*stamped in ink*] <,*U.S.N., Comdg.*>

<Date> Aug 18th

<HOUR.>	<COURSE.>	<P. L.>	<SPEED.>	<WIND.>	<BAR.>	<REMARKS.>
<P.M.>						
<1>				N	29.40	
<2>				N W x N	29.38	
<3>				N N W.	29.35	
<4>				N N W	29.33	
<5>				N x W	29.35	
<6>				N N W.	29.38	
<7>				N	29.38	
<8>				N	29.39	
<9>				N	29.40	
<10>				N	29.40	
<11>				N	29.40	
<12>				N	29.40	
<A.M.>						
<1>				Calm.	29.40	
8/19 <2>				N	29.38	
<3>				N	29.38	
<4>				N x E	29.39	
<5>				N x E	29.40	
<6>				N E x E	29.43	
<7>				N E x E	29.43	
<8>				N E x E	29.43	
<9>				N E	29.44	
<10>				N E	29.44	
<11>				N E	29.45	
<12>				N E	29.45	

<Coal at noon, on hand,> [*blank in MS*] <; consumed during 24 hours,> [*blank in MS*] <Lat.,> [*blank in MS*] <, Long.,> [*blank in MS*]

<Examined and found correct.> Anthony F Nicklett Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [*stamped in ink*] <,*U.S.N., Comdg.*>

<LOG OF THE U. S. S.> Essex <,> Anthony F. Nicklett O[hio] N[aval] M[ilitia] <, U.S.N., COMDG.>

<Date> Aug 19ᵗʰ 1913

<NAVIGATION DATA.>

<HOUR.>	<COURSE.>	<P. L.>	<SPEED.>	<WIND.>	<BAR.>	<REMARKS.>
<P.M.>						
<1>				N E	29.45	
<2>				N E	29.45	
<3>				N E	29.44	
<4>				N	29.45	
<5>				N	29.45	
<6>				N E	29.44	
<7>				N E	29.44	
<8>				N E	29.44	
<9>				N E	29.44	
<10>				N E	29.44	
<11>				N E	29.44	
<12>				N E	29.44	
<A.M.>						
<1>				E N E	29.45	
<2> 8/20				E N E	29.45	
<3>				E	29.45	
<4>				E	29.44	
<5>				E	29.45	
<6>				E	29.45	
<7>				E x S	29.45	
<8>				E x S	29.45	
<9>				E	29.46.	
<10>				E	29.44	
<11>				E	29.42	
<12>				N E.	29.41	

<Coal at noon, on hand,> [*blank in MS*] <; consumed during 24 hours,> [*blank in MS*] <Lat.,> [*blank in MS*] <, Long.,> [*blank in MS*]
<Examined and found correct.> Anthony F Nicklett Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [*stamped in ink*] <,*U.S.N., Comdg.*>

<Date> Aug 20 - 1913

<HOUR.>	<COURSE.>	<P. L.>	<SPEED.>	<WIND.>	<BAR.>	<REMARKS.>
<P.M.>						
<1>				N E	29.40	
<2>				N E	29.39	
<3>				N x E	29.38	
<4>				N x E	29.37	
<5>				N x W	29.36	
<6>				N x W	29.36	
<7>				N x W	29.36	
<8>				N x W	29.36	
<9>				N x W	29.36	
<10>				N x W	29.36	
<11>				N x W.	29.36	
<12>				N x W.	29.37	
<A.M.>						
<1>				N x E	29.35	
<2> 8/21				N x E.	29.34	
<3>				Calm	29.33	
<4>				Calm	29.33	
<5>				S x E	29.33	
<6>				S x E	29.33	
<7>				S x E.	29.33	
<8>				N	29.34	
<9>				N	29.34	
<10>				N	29.34	
<11>				N	29.33	
<12>				N	29.32	

<Coal at noon, on hand,> [*blank in MS*] <; consumed during 24 hours,> [*blank in MS*] <Lat.,> [*blank in MS*] <, Long.,> [*blank in MS*]
<Examined and found correct.> Anthony F Nicklett Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [*stamped in ink*] <,*U.S.N., Comdg.*>

<LOG OF THE U. S. S.> Essex <,> Anthony F Nicklett O[hio] N[aval] M[ilitia] <, U.S.N., COMDG.>

<Date> Aug 21/1913

<NAVIGATION DATA.>

<HOUR.>	<COURSE.>	<P. L.>	<SPEED.>	<WIND.>	<BAR.>	<REMARKS.>
<P.M.>						
<1>				N	29.30	
<2>				N	29.27	
<3>				N	29.24	
<4>				N x E	29.23	
<5>				N N E	29.22	
<6>				N x E	29.21	
<7>				N	29.21	
<8>				N E	29.21	
<9>				N	29.22	
<10>				N x E	29.22	
<11>				N x E	29.22	
<12>				N.	29.22.	
<A.M.>						
<1>				N x W	29.31	
<2>				N x W	29.31	
<3>				N W	29.22	
<4>	19°	0.		N N W	29.21	
<5>	19°	3.		N N W	29.20	
<6>	19°	10.	7.0	N N W	29.20	
<7>	19°	15.5	5.5	N N W	29.20	
<8>	19°	22.5	7.0	N N W	29.22	
<9>	19°	27.9	6.4	N N W.	29.21	
<10>	19°	35.7	6.8	N N W	29.21	
<11>	19°	42.6	6.9	N N W	29.22	
<12>	19°	49.5	6.9	N N W.	29.22	

(8/22 appears at row <2> of A.M.)

<Coal at noon, on hand,> [*blank in MS*] <; consumed during 24 hours,> [*blank in MS*] <Lat.,> [*blank in MS*] <, Long.,> [*blank in MS*]

<Examined and found correct.> Anthony F Nicklett Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [*stamped in ink*] <,U.S.N., Comdg.>

<Date> Aug 22/1913

<HOUR.>	<COURSE.>	<P. L.>	<SPEED.>	<WIND.>	<BAR.>	<REMARKS.>
<P.M.>						
<1>	19°	56.5	7.0	N	29.23	
<2>	19°	62.8	6.3	N	29.24	
<3>	19°	68.8	6.0	N	29.25	
<4>	19°	75.	6.2	N	29.23	
<5>	19°	80.	5.	N	29.24	
<6>	19°	85.3	5.3	N	29.24	
<7>	19°	90.3	5.	N	29.23	
<8>	19°	95.2	4.9	N	29.23	
<9>	17°	98.1	2.9	N	29.24	
<10>	0°	101.4	3.3	N	29.24	
<11>	0°	105.2	3.8	N.	29.24	
<12>		110.2	5.	N	29.25	
<A.M.>						
<1>	0°	115.2	5.	N x E.	29.26	12⁵³ A M. Little Au Sable. Abeam.
<2>	0°	121.5	6.3	N	29.26	2¹⁰ A M Kent [Pent] Water abeam.
<3>	0°	127.7	6.2	N	29.27	4¹⁵ A M. Big Pt Ausable [sic]. Abeam.
<4>	0°	133.	5.3	N	29.27	6⁵⁵ A M. Manistee. Abeam. Changed course 10° to Clear Pt Beatsy [Betsie].
<5>	18°	140.5	7.5	N	29.26	
<6>	18°	148.1	7.6	N	29.27	
<7>	18°	155.5	7.4	N	29.27	
<8>	10°	162.9	7.4	N x E	29.27	
<9>	10°	170.2	7.3	N x E	29.27	
<10>	10°	178.2	8.	N x E	29.27	
<11>	38°	185.2	7.	N x E	29.25	
<12>	38°	194.	9	N x E	29.25	

(8/23. appears at row <2> of A.M.)

<Coal at noon, on hand,> [*blank in MS*] <; consumed during 24 hours,> [*blank in MS*] <Lat.,> [*blank in MS*] <, Long.,> [*blank in MS*]

<Examined and found correct.> Anthony F Nicklett Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [*stamped in ink*] <,U.S.N., Comdg.>

<LOG OF THE U. S. S.> Essex <,> Anthony F Nicklett O[hio] N[aval] M[ilitia] <, U.S.N., COMDG.>

<Date> Aug 23 – 1913

<NAVIGATION DATA.>

<HOUR.>	<COURSE.>	<P. L.>	<SPEED.>	<WIND.>	<BAR.>	<REMARKS.>
<P.M.>						
<1>	38°	202.4	8.4	W	29[.]23	11 P M. Anchored at Mackinaw. Island.
<2>	34°	210.7	8.3	S W	29.22	
<3>	30°	219	8.3	S W x S	29.24	
<4>	30°	227.3	8.3	S	29.23	
<5>	30°	236.7	9.4	W	29.23	
<6>	30°	245.5	8.8	W	29.23	
<7>	40°	254.3	8.8.	W S W	29.21	
<8>	E 1/4 S			S	29.19	
<9>	E 1/4 S.			S	29.18	
<10>	E 1/4 S.			S	29.17	
<11>				S	29.17	
<12>				W x N.	29.17	
<A.M.>						
<1>				N W.	29.19	
<2>				N x E.	29.19	
<3>				N N W.	29.20	
<4>				N.	29.21	
<5>				N 1/2 W.	29.25	
<6>				N 1/2 W.	29.27	
<7>				N x E	29.31	
<8>				N x E	29.32	
<9>				N x E	29.32	
<10>				N W x N	29.36	
<11>				N W x N	29.35	
<12>				N W. x N	29.36	

(8/24 appears at hour <2> of A.M.)

<Coal at noon, on hand,> [blank in MS] <; consumed during 24 hours,> [blank in MS] <Lat.,> [blank in MS] <, Long.,> [blank in MS]
<Examined and found correct.> Anthony F Nicklett Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [stamped in ink] <,U.S.N., Comdg.>

<Date> Aug. 24 - 1913

<HOUR.>	<COURSE.>	<P. L.>	<SPEED.>	<WIND.>	<BAR.>	<REMARKS.>
<P.M.>						
<1>				N W	29.37	
<2>				N x W.	29.38	
<3>				N x W	29.38	
<4>				N x W	29.39	
<5>				N x W.	29.40	
<6>				N W x N	29.39	
<7>				N W. x N	29.37	
<8>				N W x N	29.38	
<9>				N W x N	29.39	
<10>				N	29.39	
<11>				N	29.39	
<12>				N	29.39	
<A.M.>						
<1>				N	29.39	
<2>				S. E x S.	29.35	
<3>				S E x S.	29.34	
<4>				S x W.	29.34	
<5>				S x W	29.33	
<6>				S S W	29.33	
<7>				S S W	29.31	
<8>				S S W	29.31	
<9>	E 1/2 S		E 4	S S E	29.31	
<10>	S E 1/2 E	6.		S S E	29.31	
<11>	S E 1/2 E	14.6	8.6	S E	29.25	
<12>	129°	21.8	7.2	S S E.	29.25	

(8/25 appears at hour <2> of A.M.)

<Coal at noon, on hand,> [blank in MS] <; consumed during 24 hours,> [blank in MS] <Lat.,> [blank in MS] <, Long.,> [blank in MS]
<Examined and found correct.> Anthony F Nicklett Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [stamped in ink] <,U.S.N., Comdg.>

<LOG OF THE U. S. S.> Essex <,> Anthony F. Nicklett O[hio] N[aval] M[ilitia] <, U.S.N., COMDG.>

<Date> Aug 25 – 1913

<NAVIGATION DATA.>

<HOUR.>	<COURSE.>	<P. L.>	<SPEED.>	<WIND.>	<BAR.>	<REMARKS.>
<P.M.>						
<1>	129°	30.1	8.3	S E.	29.20	2^{15} PM. Wind increased strength 2^{30} PM. blowing a gale.
<2>	129°	38.7	8.6	S E x E	29.18	
<3>	129°	46.5	7.8	S E x E	29.16	
<4>	158°	53.7	7.2	S E x E	29.15	
<5>	158°	62.	8.3	S E x E.	29.11	
<6>	158°	70.4	8.4	S	29.09	
<7>	166°	78.4	8.0	S	29.06	
<8>	166°	85.2	7.8	S	29.05	
<9>	166°			S	29.05	
<10>	166°			S	29.04	
<11>	166°	104°		S	29.03	
<12>	166°	110°	6.	S.	29.01.	
<A.M.>						
<1>	170°	114.8	4.8	N W	29.08	5^{55} A M. Harbor beach Abeam.
<2>	170°	120.	6.	N W.	29.06	Passed light ship 12^{30} P M. Entered rapids Pt Huron Mich[igan]
<3>	170°	127.1	7.1	W S W.	29.04	12^{50} P. M. passed Marine City 2^{40} P. M.
<4>	170°	134.1	7.	W S W	29.04	Entered St Clair Flats Ship Canal. 4^{18} P M.
<5>	170°		6.4	W S W	29.05	Anchored off Bates St Detroit M[ichigan]. 7^{02} P M.
<6>	170°		6.7	W S W.	29.06	
<7>	170°		7.8	S W	29.07	
<8>	170°		7.3	S W	29.07	
<9>	170°		8.7	S W	29.13	
<10>	186°		8.3	S W	29.09	
<11>	186°		8.9	S W.	29.10	
<12>	186°		8.2	S W.	29.12	

(8/26 marked at A.M. <2>)

<Coal at noon, on hand,> [blank in MS] <; consumed during 24 hours,> [blank in MS] <Lat.,> [blank in MS] <, Long.,> [blank in MS]

<Examined and found correct.> Anthony F Nicklett Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [stamped in ink] <,U.S.N., Comdg.>

<Date> Aug 26/1913

<HOUR.>	<COURSE.>	<P. L.>	<SPEED.>	<WIND.>	<BAR.>	<REMARKS.>
<P.M.>						
<1>				S W	29.13	
<2>				S W	29.14	
<3>				S W	29.10	
<4>				S W	29.07	
<5>				S W	29.10	
<6>				S W	29.15	
<7>				S W	29.20	
<8>				S W	29.22	
<9>				S W	29.23	
<10>				S W	29.23	
<11>				W S W	29.23	
<12>				W S W	29.23.	
<A.M.>						
<1>				W x S	29.24	Underway 9^{40} A M.
<2>				W x S	29.24	Passed Detroit river Lt [Light]. 11^{58} A M.
<3>				W x S	29.25	12^{05} P M. put ship on course 148° - for. South Bass Island
<4>				W S W	29.27	Anchored Put in Bay 2^{55} A. M.
<5>				S	29.30	
<6>				S	29.32	
<7>				S x W	29.32	
<8>				S x W.	29.34	
<9>				S.	29.37	
<10>				S	29.37	
<11>				S	29.37	
<12>				S	29.37	

(8/27 marked at A.M. <2>)

<Coal at noon, on hand,> [blank in MS] <; consumed during 24 hours,> [blank in MS] <Lat.,> [blank in MS] <, Long.,> [blank in MS]

<Examined and found correct.> Anthony F Nicklett Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [stamped in ink] <,U.S.N., Comdg.>

<LOG OF THE U. S. S.> Essex <,> Anthony F Nicklett O[hio] N[aval] M[ilitia] <, U.S.N., COMDG.>

<Date> Aug 27/1913

<NAVIGATION DATA.>

<HOUR.>	<COURSE.>	<P. L.>	<SPEED.>	<WIND.>	<BAR.>	<REMARKS.>
<P.M.>						
<1>	148°			N W.	29.38	
<2>	148°			N W	29.40	
<3>				N W	29.39	
<4>				N W	29.40	
<5>				N W	29.40	
<6>				N W	29.42	
<7>				N W	29.43	
<8>				N E	29.43	
<9>				N E	29.44	
<10>				N E	29.44	
<11>				N E	29.44	
<12>				N E	29.44	
<A.M.>						
<1>				E.	29.43	
<2>				E	29.41	
<3>				E	29.39	
<4>				S S E.	29.37	
<5>				S S E	29.35	
<6>				S S E.	29.35	
<7>				S x E	29.35	
<8>				S x E.	29.32	
<9>				S x E	29.32	
<10>				S x E	29.32	
<11>				S x E	29.27	
<12>				S x E	29.20.	

(8/28 appears beside the <2> A.M. row)

<Coal at noon, on hand,> [blank in MS] <; consumed during 24 hours,> [blank in MS] <Lat.,> [blank in MS] <, Long.,> [blank in MS]
<Examined and found correct.> Anthony F Nicklett Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [stamped in ink] <,U.S.N., Comdg.>

<Date> Aug 28 - 1913

<HOUR.>	<COURSE.>	<P. L.>	<SPEED.>	<WIND.>	<BAR.>	<REMARKS.>
<P.M.>						
<1>				S x E	29.19	
<2>				S x E	29.17	
<3>				S x E	29.16	
<4>				W	29.15	
<5>				W.	29.14	
<6>				W.	29.12	
<7>				W x N	29.12	
<8>				W x N	29.14	
<9>				W x N	29.15	
<10>				W x N	29.15	
<11>				W x N.	29.15	
<12>				W	29.15	
<A.M.>						
<1>				W x N	29.15	
<2>				W x N	29.15	
<3>				W x N	29.13	
<4>				W x N	29.13	
<5>				W x N	29.13	
<6>				W x N	29.12	
<7>				W x N	29.10	
<8>				W x N	29.10	
<9>				W	29.11	
<10>				W	29.10	
<11>				W	29.07	
<12>				W	29.07	

(8/29 appears beside the <2> A.M. row)

<Coal at noon, on hand,> [blank in MS] <; consumed during 24 hours,> [blank in MS] <Lat.,> [blank in MS] <, Long.,> [blank in MS]
<Examined and found correct.> Anthony F Nicklett Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [stamped in ink] <,U.S.N., Comdg.>

<Date> Aug 29th 1913

<NAVIGATION DATA.>

<HOUR.>	<COURSE.>	<P. L.>	<SPEED.>	<WIND.>	<BAR.>	<REMARKS.>
<P.M.>						
<1>				W.	29.07	
<2>				W N W.	29.07	
<3>				W N W.	29.08	
<4>				W N W	29.08	
<5>				W N W	29.07	
<6>				W N W	29.07	
<7>				W N W	29.07	
<8>				W N W	29.07	
<9>				W N W	29.10	
<10>				W N W	29.14	
<11>				W N W	29.16	
<12>				W N W	29.14	
<A.M.>						
<1>				W N W	29.12	
<2>				W N W	29.12	
<3>				W N W	29.12	
<4>				W N W	29.12	
<5>				W N W	29.14	
<6>				W N W	29.17	
<7>				W N W	29.19	
<8>				W N W	29.20	
<9>				W N W	29.21	
<10>				W N W	29.22	
<11>				W N W	29.24	
<12>				W N W	29.26	

(8/30. at hour <2> A.M.)

<Coal at noon, on hand,> [*blank in MS*] <; consumed during 24 hours,> [*blank in MS*] <Lat.,> [*blank in MS*] <, Long.,> [*blank in MS*]
<Examined and found correct.> Anthony F Nicklett Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [*stamped in ink*] <,*U.S.N., Comdg.*>

<Date> Aug 30/1913

<HOUR.>	<COURSE.>	<P. L.>	<SPEED.>	<WIND.>	<BAR.>	<REMARKS.>
<P.M.>						
<1>				W N W	29.28	
<2>				W x S	29.28	
<3>				W x S.	29.27	
<4>				S.	29.28	
<5>				S x E.	29.28	
<6>				S x E	29.28	
<7>				S x E	29.28	
<8>				S x E	29.29	
<9>				S x E	29.29	
<10>				S x E	29.29	
<11>				S x E	29.30	
<12>				S x E.	29.30.	
<A.M.>						
<1>				S.	29.30	
<2>				S	29.30	
<3>				S	29.31	
<4>				S	29.34	
<5>				S x W	29.35	
<6>				S x W.	29.35	
<7>				S.	29.36	
<8>				S x E	29.36	
<9>				S S E	29.37	
<10>				E x S	29.37	
<11>				E x S	29.37	
<12>				E.	29.39.	

(Aug 31 at hour <2> A.M.)

<Coal at noon, on hand,> [*blank in MS*] <; consumed during 24 hours,> [*blank in MS*] <Lat.,> [*blank in MS*] <, Long.,> [*blank in MS*]
<Examined and found correct.> Anthony F Nicklett Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [*stamped in ink*] <,*U.S.N., Comdg.*>

<LOG OF THE U. S. S.> U. S. S. ESSEX, [*stamped in ink*] <,> Anthony F. Nicklett O[hio] N[aval] M[ilitia] <, ~~U.S.N., C~~OMDG.>

<Date> Aug 31ˢᵗ.

<NAVIGATION DATA.>

<HOUR.>	<COURSE.>	<P. L.>	<SPEED.>	<WIND.>	<BAR.>	<REMARKS.>
<P.M.>						
<1>				E	29.39	Underway 6⁴⁰ A M. – Rounded Balist [Ballast] Isl 7⁰⁹ A M. – Course 96°
<2>				E	29.39	7⁴² A M. Middle Isl. Lt [Light]. bore N. hauled to 105⁰ 11 A M. Cleveland Crib light
<3>				E	29.39	bore dead ahead. Anchored 12⁴³ P M.
<4>				N E	29.39	Underway. 5²⁰ P M 5³⁵ P M hauled on course 49° 9⁰⁵ hauled course 66⁰
<5>				N E	29.39	
<6>	49°	3.4		N E.	29.39	
<7>	49°	12.5	9.1	N E	29.40	
<8>	49°	21.3	8.8	N E.	29.38	
<9>	49°	30.0	8.7	N E	29.38	
<10>	66°	39.0	9.0	N E	29.38	
<11>	66°	47.4	8.4	E N E	29.39	
<12>	66°	56.7	9.3.	E N E	29.42	
<A.M.>						
<1>	66°	65.3	8.6	E N E	29.43	12¹² A M. Command Abeam.
<2>	66°	73.5	8.2	E N E	29.44	3¹⁰ A M Erie Lt [Light]. Abeam.
<3>	66°	82.5	9.0	E N E	29.45	at 3 A M Changed course to 65°
<4>	65°	91.2	8.7	E N E	29.48	Passed Buffalo Lt [Light] Vessle [sic] 9⁴⁴ A M.
<5>	65°	100.1	8.9	S E	29.50	Entered Southern Entrance to Buffalo Breakwater. 11⁰⁵ A M -----
<6>	65°	108.7	8.6	S E	29.50	Anchored 11³⁵ A M.
<7>	65°	117.1	8.4	E S E	29.52	
<8>	65°	126.1	9.0	E S E.	29.52	
<9>	65°	134.5	8.4	E	29.53	
<10>	65°	141.9	7.4	E	29.53	
<11>	65°	150.0	8.1	E	29.53	
<12>	65°	Anchored		S W.	29.53	

<Coal at noon, on hand,> [*blank in MS*] <; consumed during 24 hours,> [*blank in MS*] <Lat.,> [*blank in MS*] <, Long.,> [*blank in MS*]

<Examined and found correct.> Anthony F Nicklett Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [*stamped in ink*] <,*U.S.N., Comdg.*>

<Date> Sept 1 - 1913

<HOUR.>	<COURSE.>	<P. L.>	<SPEED.>	<WIND.>	<BAR.>	<REMARKS.>
<P.M.>						
<1>				S W.	29.53	
<2>				S W	29.53	
<3>				S W	29.52	
<4>				S W	29.52	
<5>				S W	29.52	
<6>				S W	29.52	
<7>				S W	29.52	
<8>				S W	29.52	
<9>				S W	29.52	
<10>				S W	29.51	
<11>				S W	29.51	
<12>				S W	29.50	
<A.M.>						
<1>				S W	29.50	
<2>				S W	29.50	
<3>				S W.	29.50	
<4>				S E	29.50	
<5>				S E	29.50	
<6>				S E	29.50	
<7>				S W	29.51	
<8>				S W	29.53	
<9>				S W	29.54	
<10>				W	29.54	
<11>				W	29.55	
<12>				W	29.55	

<Coal at noon, on hand,> [*blank in MS*] <; consumed during 24 hours,> [*blank in MS*] <Lat.,> [*blank in MS*] <, Long.,> [*blank in MS*]

<Examined and found correct.> Anthony F Nicklett Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [*stamped in ink*] <,*U.S.N., Comdg.*>

(Sept 1.)
(Sept 2.)

<LOG OF THE U. S. S.> U. S. S. ESSEX, [*stamped in ink*] <,> Anthony F. Nicklett O[hio] N[aval] M[ilitia] <, ~~U.S.N.~~, COMDG.>

<Date> Sept 2 – 1913

<NAVIGATION DATA.>

<HOUR.>	<COURSE.>	<P. L.>	<SPEED.>	<WIND.>	<BAR.>	<REMARKS.>
<P.M.>						
<1>				W	29.52	
<2>				W	29.51	
<3>				W	29.51	
<4>				W	29.50	
<5>				W	29.49	
<6>				W	29.49	
<7>				S W	29.48	
<8>				S W	29.47	
<9>				S W	29.47	
<10>				S W.	29.46	
<11>				S.	29.45	
<12>				S.	29.45	
<A.M.>						
<1>				S	29.44	
<2> 9/3				S	29.43	
<3>				S x W.	29.42	
<4>				S x W	29.41	
<5>				S x W.	29.40	
<6>				S W	29.40	
<7>				S W	29.40	
<8>				S x W	29.40	
<9>				S x W	29.40	
<10>				S W	29.40	
<11>				W.	29.40	
<12>				N W.	29.39	

<Coal at noon, on hand,> [*blank in MS*] <; consumed during 24 hours,> [*blank in MS*] <Lat.,> [*blank in MS*] <, Long.,> [*blank in MS*]

<Examined and found correct.> Anthony F Nicklett Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [*stamped in ink*] <,*U.S.N., Comdg.*>

<Date> Sept 3 - 1913

<HOUR.>	<COURSE.>	<P. L.>	<SPEED.>	<WIND.>	<BAR.>	<REMARKS.>
<P.M.>						
<1>				W	29.37.	
<2>				W	29.36.	
<3>				W	29.34	
<4>				N W	29.34	
<5>				W	29.34	
<6>				W	29.33	
<7>				W	29.33	
<8>				W	29.34	
<9>				W	29.35	
<10>				W	29.35	
<11>				N E	29.34	
<12>				N E	29.35	
<A.M.>						
<1>				N E	29.36	
<2> 9/4				E	29.36	
<3>				E	29.36	
<4>				E	29.37	
<5>				E	29.36	
<6>				E	29.36	
<7>				E	29.37	
<8>				E	29.37	
<9>				N E	29.38	
<10>				N E	29.38	
<11>				N E	29.39	
<12>				N E.	29.39	

<Coal at noon, on hand,> [*blank in MS*] <; consumed during 24 hours,> [*blank in MS*] <Lat.,> [*blank in MS*] <, Long.,> [*blank in MS*]

<Examined and found correct.> Anthony F Nicklett Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [*stamped in ink*] <,*U.S.N., Comdg.*>

<LOG OF THE U. S. S.> U. S. S. ESSEX, [*stamped in ink*] <,> Anthony F Nicklett O[hio] N[aval] M[ilitia] <, U.S.N., COMDG.>

<Date> Sept 4<u>th</u> 1913

<NAVIGATION DATA.>

<HOUR.>	<COURSE.>	<P. L.>	<SPEED.>	<WIND.>	<BAR.>	<REMARKS.>
<P.M.>						
<1>				N E.	29.39	
<2>				N E.	29.39	
<3>				E N E	29.38	
<4>				E N E	29.38	
<5>				E N E	29.37	
<6>				E N E	29.37	
<7>				E N E	29.37	
<8>				E N E	29.37	
<9>				E N E	29.37	
<10>				E N E	29.37	
<11>				E N E	29.36	
<12>				E N E	29.36.	
<A.M.>						
9/5 <1>				E N E.	29.37	
<2>				E N E	29.36	
<3>				E N E	29.34	
<4>				E N E	29.34	
<5>				E N E	29.34	
<6>				E N E	29.34	
<7>				E N E	29.34	
<8>				E N E	29.34	
<9>				E N E	29.35	
<10>				E N E	29.36	
<11>				E N E	29.37	
<12>				E N E	29.38	

<Coal at noon, on hand,> [*blank in MS*] <; consumed during 24 hours,> [*blank in MS*] <Lat.,> [*blank in MS*] <, Long.,> [*blank in MS*]
<Examined and found correct.> Anthony F Nicklett Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [*stamped in ink*] <,*U.S.N., Comdg.*>

<Date> Sept 5 – 1913.

<HOUR.>	<COURSE.>	<P. L.>	<SPEED.>	<WIND.>	<BAR.>	<REMARKS.>
<P.M.>						
<1>				E N E	29.40	
<2>				E N E	29.40	
<3>				E N E	29.39	
<4>				E N E	29.39	
<5>				E N E	29.37	
<6>				E N E	29.36	
<7>				E N E	29.34	
<8>				E N E	29.32	
<9>				E N E	29.33	
<10>				E N E	29.34	
<11>				E N E	29.34	
<12>				E N E	29.34	
<A.M.>						
<1>				E N E	29.37	
9/6 <2>				E N E	29.39	
<3>				E N E	29.40	
<4>				N E	29.42	
<5>				N E	29.42	
<6>				N E	29.42	
<7>				N E	29.42	
<8>				N E	29.43	
<9>				N E	29.44	
<10>				N E	29.44	
<11>				N E	29.45	
<12>				N E.	29.46	

<Coal at noon, on hand,> [*blank in MS*] <; consumed during 24 hours,> [*blank in MS*] <Lat.,> [*blank in MS*] <, Long.,> [*blank in MS*]
<Examined and found correct.> Anthony F Nicklett Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [*stamped in ink*] <,*U.S.N., Comdg.*>

<Date> Sept 6/13.

<NAVIGATION DATA.>

<HOUR.>	<COURSE.>	<P. L.>	<SPEED.>	<WIND.>	<BAR.>	<REMARKS.>
<P.M.>						
<1>				N E	29.46	
<2>				N E	29.46	
<3>				N E	29.45	
<4>				N E.	29.45	
<5>				N E	29.45	
<6>				N E	29.46	
<7>				N E	29.46	
<8>				N E	29.46	
<9>				N E	29.46	
<10>				N E	29.46	
<11>				N E	29.46	
<12>				N E.	29.46.	
<A.M.>						
<1>				N E	29.46.	
<2>				N E	29.45	
<3>				N E	29.44	
<4>				N E	29.43	
<5>				N E	29.43	
<6>				N E	29.43	
<7>				N E	29.43	
<8>				N E	29.43	
<9>	251°	12.0		N E	29.45	
<10>	251°	20.2	8.2	N E	29.46	
<11>	251°	28.2	8.0	N E	29.46	
<12>	251°	36.5	8.3	N E.	29.44	

(9/7 appears beside <2> A.M.)

<Coal at noon, on hand,> [*blank in MS*] <; consumed during 24 hours,> [*blank in MS*] <Lat.,> [*blank in MS*] <, Long.,> [*blank in MS*]
<Examined and found correct.> Anthony F Nicklett Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [*stamped in ink*] <,U.S.N., Comdg.>

<Date> Sept 7ᵗʰ 1913

<HOUR.>	<COURSE.>	<P. L.>	<SPEED.>	<WIND.>	<BAR.>	<REMARKS.>
<P.M.>						
<1>	251°	45.6	9.1	S W	29.43	
<2>	251°	54.8	9.2	S W	29.38	
<3>	251°	64.0	9.2	S W.	29.38	
<4>	255°	72.7	8.7	S W	29.38	
<5>	251°	79.8	7.1	S W.	29.37	
<6>	251°	88.0	8.2	S W	29.38	
<7>	251°	96.	8.0	S W	29.38	
<8>	251°	104.	8.0	S W	29.40	
<9>	251°	112.3	8.3	S W	29.40	
<10>	251°	120.8	8.5	S W x S.	29.40	
<11>	251°	128.9	8.1	S W	29.39	
<12>	251°	136.6	7.7	S W	29.39	
<A.M.>						
<1>	251°	144.8	8.2	S W	29.40	6 A M. Entered Sandusky channell [sic]
<2>	251°	152.5	7.7	S W.	29.41	7³⁵ Moored at Big 4 docks.
<3>	251°	160.7	8.2	W x S.	29.41	
<4>	251°	169.3	8.6	W x N	29.41	
<5>	251°	177.	7.7	W x S.	29.41	
<6>	251°	185.2.	8.2.	W x S	29.43	
<7>				W x S	29.45	
<8>				W x S.	29.45	
<9>				W x S	29.45	
<10>				W x S	29.45	
<11>				W x S	29.46	
<12>				W x S.	29.46	

(9/8. appears beside <2> A.M.)

<Coal at noon, on hand,> [*blank in MS*] <; consumed during 24 hours,> [*blank in MS*] <Lat.,> [*blank in MS*] <, Long.,> [*blank in MS*]
<Examined and found correct.> Anthony F Nicklett Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [*stamped in ink*] <,U.S.N., Comdg.>

<LOG OF THE U. S. S.> U. S. S. ESSEX, [*stamped in ink*] <,> Anthony F. Nicklett O[hio] N[aval] M[ilitia] <, ~~U.S.N., C~~OMDG.>

<Date> Sept 8<u>th</u> 1913

<NAVIGATION DATA.>

<HOUR.>	<COURSE.>	<P. L.>	<SPEED.>	<WIND.>	<BAR.>	<REMARKS.>
<P.M.>						
<1>				W x S.	29.47	
<2>				W x S.	29.47	
<3>				W x S	29.47	
<4>				W x S	29.47	
<5>				W x S	29.48	
<6>				S S W	29.48.	
<7>				S S W	29.49	
<8>				S S W	29.49	
<9>				S S W	29.50	
<10>				S S W	29.50	
<11>				S S W	29.51	
<12>				S S W.	29.51	
<A.M.>						
<1>				S S W	29.52	
9/9 <2>				S S W.	29.53	
<3>				E	29.53	
<4>				E	29.54	
<5>				E	29.55	
<6>				N E.	29.58	
<7>				N E	29.60	
<8>				N E	29.62	
<9>				N E	29.63	
<10>				N E	29.64	
<11>				N E	29.65	
<12>				N E	29.65	

<Coal at noon, on hand,> [*blank in MS*] <; consumed during 24 hours,> [*blank in MS*] <Lat.,> [*blank in MS*] <, Long,> [*blank in MS*]
<Examined and found correct.> Anthony F Nicklett Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [*stamped in ink*] <,*U.S.N., Comdg.*>

<Date> Sept 9<u>th</u> 1913

<HOUR.>	<COURSE.>	<P. L.>	<SPEED.>	<WIND.>	<BAR.>	<REMARKS.>
<P.M.>						
<1>				N E.	29.64	
<2>				E	29.64	
<3>				E	29.63	
<4>				E S E.	29.62	
<5>				E S E	29.62	
<6>				E S E	29.62	
<7>				E S E	29.62	
<8>				E S E.	29.64.	
<9>				E S E	29.64	
<10>				S E	29.64	
<11>				S E	29.64	
<12>				S E.	29.64	
<A.M.>						
<1>				S E.	29.64	Underway 7<u>10</u> A M.
9/10 <2>				S E	29.64	
<3>				S E	29.64	
<4>				S E	29.63	
<5>				S E	29.63	
<6>				S E	29.63	
<7>				S E	29.64	
<8>	15°			S E	29.65	
<9>				S E	29.63	
<10>				S E	29.62	
<11>				S E	29.61	
<12>				S E	29.61	

<Coal at noon, on hand,> [*blank in MS*] <; consumed during 24 hours,> [*blank in MS*] <Lat.,> [*blank in MS*] <, Long,> [*blank in MS*]
<Examined and found correct.> Anthony F Nicklett Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [*stamped in ink*] <,*U.S.N., Comdg.*>

<LOG OF THE U. S. S.> U. S. S. ESSEX, [*stamped in ink*] <,> Anthony F. Nicklett O[hio] N[aval] M[ilitia] <, ~~U.S.N.~~, COMDG.>

<Date> Sept 10th 1913

<center><NAVIGATION DATA.></center>

<HOUR.>	<COURSE.>	<P. L.>	<SPEED.>	<WIND.>	<BAR.>	<REMARKS.>
<P.M.>						
<1>				S E.	29.60	
<2>				S E	29.60	
<3>				S E	29.59	
<4>				S E	29.58	
<5>				S E	29.57	
<6>				S E.	29.57	
<7>				E x N	29.56	
<8>				E x N	29.54	
<9>				E x N	29.54	
<10>				E x N	29.54	
<11>				E x N	29.54	
<12>				E x N	29.53	
<A.M.>						
<1>				S	29.52	
9/11 <2>				S	29.53	
<3>				S	29.51	
<4>				S	29.50	
<5>				S	29.48	
<6>				S	29.46	
<7>				S	29.45	
<8>				S W	29.45	
<9>				S W	29.45	
<10>				S W	29.45	
<11>				S W	29.45	
<12>				S W.	29.45	

<Coal at noon, on hand,> [*blank in MS*] <; consumed during 24 hours,> [*blank in MS*] <Lat.,> [*blank in MS*] <, Long.,> [*blank in MS*]

<Examined and found correct.> Anthony F Nicklett Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [*stamped in ink*] <,*U.S.N., Comdg.*>

<Date> Sept 11th 1913

<HOUR.>	<COURSE.>	<P. L.>	<SPEED.>	<WIND.>	<BAR.>	<REMARKS.>
<P.M.>						
<1>				S W	29.42.	
<2>				S E.	29.39	
<3>				S E.	29.37	
<4>				S E.	29.35	
<5>				S E	29.35	
<6>				S E	29.33	
<7>				S E	29.33	
<8>				S E	29.33	
<9>				S E	29.33	
<10>				S E	29.37	
<11>				S E	29.37	
<12>				S E	29.37	
<A.M.>						
<1>				N x E.	29.37	8⁰⁵ A M passed Lower Detroit gas bouy [sic].
9/12. <2>				N x E.	29.36	Anchored 11³⁰ A M.
<3>				N x E.	29.35	
<4>				N x E	29.35	
<5>	W.			N x E.	29.36	
<6>	329°	8.0	8.0	N x W	29.36	
<7>	329°	15.2	7.2	N x W	29.37	
<8>	329°.	23.5	8.3	N x W.	29.37.	
<9>				N x W	29.35	
<10>				N x W	29.32	
<11>				N x W.	29.30	
<12>				W x N	29.29	

<Coal at noon, on hand,> [*blank in MS*] <; consumed during 24 hours,> [*blank in MS*] <Lat.,> [*blank in MS*] <, Long.,> [*blank in MS*]

<Examined and found correct.> Anthony F Nicklett Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [*stamped in ink*] <,*U.S.N., Comdg.*>

<LOG OF THE U. S. S.> U. S. S. ESSEX, [*stamped in ink*] <,> Anthony F. Nicklett O[hio] N[aval] M[ilitia] <, U.S.N. COMDG.>

<Date> Sept 12 – 1913

<NAVIGATION DATA.>

<HOUR.>	<COURSE.>	<P. L.>	<SPEED.>	<WIND.>	<BAR.>	<REMARKS.>
<P.M.>						
<1>				W x N.	29.28	
<2>				W x N	29.27	
<3>				W x N	29.27.	
<4>				W x N	29.26	
<5>				W x N	29.26	
<6>				W x N	29.25	
<7>				W x N	29.26	
<8>				W x N	29.27	
<9>				W x N	29.28	
<10>				N	29.28	
<11>				N E	29.28	
<12>				N E	29.28	
<A.M.>						
<1>				N E.	29.28	
<2>				N E	29.28	
<3>				N E	29.30	
<4>				N E.	29.32	
<5>				N E	29.33	
<6>				N E	29.33	
<7>				N E	29.36	
<8>				N E	29.38	
<9>				N E.	29.40	
<10>				N E	29.40	
<11>				N E	29.40	
<12>				N E	29.41	

(9/13. at row <2> A.M.)

<Coal at noon, on hand,> [*blank in MS*] <; consumed during 24 hours,> [*blank in MS*] <Lat.,> [*blank in MS*] <, Long.,> [*blank in MS*]
<Examined and found correct.> Anthony F Nicklett Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [*stamped in ink*] <,U.S.N., Comdg.>

<Date> Sept 13 - 1913

<HOUR.>	<COURSE.>	<P. L.>	<SPEED.>	<WIND.>	<BAR.>	<REMARKS.>
<P.M.>						
<1>				S.	29.42	
<2>				S	29.42	
<3>				S	29.43	
<4>				S	29.44	
<5>				S x E	29.44	
<6>				S x E.	29.44	
<7>				S x E	29.44	
<8>				S x E	29.45	
<9>				N E	29.45	
<10>				N. E	29.46	
<11>				N E	29.48	
<12>				N E.	29.49	
<A.M.>						
<1>				N E.	29.50	
<2>				N E	29.50	
<3>				E N E	29.50	
<4>				E N E	29.50	
<5>		24.		E N E.	29.51	
<6>		30.	6.0.	E	29.51	
<7>	107°	37.	7.0	E	29.54	
<8>	107°	45.	8.0	E	29.56	
<9>	119°	52.2	7.2	E	29.57	
<10>	119°	60[.]4	8.2	E S E	29.58	
<11>	119°	68.4	8.0	E S E	29.58	
<12>	119°	75.5	7.1	E S E.	29.61	

(9/14 at row <2> A.M.)

<Coal at noon, on hand,> [*blank in MS*] <; consumed during 24 hours,> [*blank in MS*] <Lat.,> [*blank in MS*] <, Long.,> [*blank in MS*]
<Examined and found correct.> Anthony F Nicklett Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [*stamped in ink*] <,U.S.N., Comdg.>

<Date> Sept 14 – 13.

<NAVIGATION DATA.>

<HOUR.>	<COURSE.>	<P. L.>	<SPEED.>	<WIND.>	<BAR.>	<REMARKS.>
<P.M.>						
<1>				E S E	29.60	
<2>				E S E	29.59	
<3>				N E x E	29.58	
<4>				N E x E	29.57	
<5>				N E x E	29.56	
<6>				E N E	29.56	
<7>				E N E	29.56	
<8>				E N E	29.56	
<9>				E N E	29.57	
<10>				E N E.	29.59	
<11>				E.	29.58	
<12>				S E.	29.58.	
<A.M.>						
<1>				E S E.	29.56	
<2> (9/15)				E S E	29.56	
<3>				E S E	29.57	
<4>				E S E	29.57	
<5>				E S E	29.57	
<6>				E S E	29.57	
<7>				E S E	29.57	
<8>				E S E	29.57	
<9>				S S E	29.57	
<10>				S S E	29.57	
<11>				S S E	29.57	
<12>				N N W.	29.56.	

<Coal at noon, on hand,> [*blank in MS*] <; consumed during 24 hours,> [*blank in MS*] <Lat.,> [*blank in MS*] <, Long.,> [*blank in MS*]

<Examined and found correct.> Anthony F Nicklett Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [*stamped in ink*] <,*U.S.N., Comdg.*>

<Date> Sept 15th 1913

<HOUR.>	<COURSE.>	<P. L.>	<SPEED.>	<WIND.>	<BAR.>	<REMARKS.>
<P.M.>						
<1>				N N E	29.55	
<2>				N N E	29.55	
<3>				N N E	29.56	
<4>				E	29.56.	
<5>				E	29.57	
<6>				E	29.57	
<7>				E	29.58	
<8>				E	29.56	
<9>				E	29.55	
<10>				E	29.54	
<11>				E	29.54	
<12>				S S E.	29.54.	
<A.M.>						
<1>				S x E.	29.53	
<2> (9/16.)				S E.	29.50	
<3>				S E	29.50	
<4>				S E	29.50	
<5>				S E.	29.50	
<6>				S x E	29.50	
<7>				S S E.	29.52	
<8>				S S E	29.54	
<9>				S S E	29.54	
<10>				S S E	29.54	
<11>				S S E	29.54	
<12>				S S E.	29.53	

<Coal at noon, on hand,> [*blank in MS*] <; consumed during 24 hours,> [*blank in MS*] <Lat.,> [*blank in MS*] <, Long.,> [*blank in MS*]

<Examined and found correct.> Anthony F Nicklett Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [*stamped in ink*] <,*U.S.N., Comdg.*>

<LOG OF THE U. S. S.> U. S. S. ESSEX, [*stamped in ink*] <,> Anthony F. Nicklett. O[hio] N[aval] M[ilitia] <, ~~U.S.N. Comdg.~~>

<Date> Sept 16th 1913

<NAVIGATION DATA.>

<HOUR.>	<COURSE.>	<P. L.>	<SPEED.>	<WIND.>	<BAR.>	<REMARKS.>
<P.M.>						
<1>				S x E.	29.51	
<2>				S. E.	29.47	
<3>				S E	29.46	
<4>				S E	29.46	
<5>				S E	29.46	
<6>				S E.	29.48	
<7>				S E	29.48	
<8>				S E	29.47	
<9>				S E	29.47	
<10>				S E	29.47	
<11>				S E	29.47	
<12>				S E.	29.47	
<A.M.>						
<1>				S	29.44	
8/17 <2>				S	29.42	
<3>				S	29.40	
<4>				S	29.39	
<5>				S	29.40	
<6>				S	29.40	
<7>				S	29.36	
<8>				S	29.36	
<9>				S	29.36	
<10>				S	29.35	
<11>				S	29.33	
<12>				S	29.31.	

<Coal at noon, on hand,> [*blank in MS*] <; consumed during 24 hours,> [*blank in MS*] <Lat.,> [*blank in MS*] <, Long.,> [*blank in MS*]
<Examined and found correct.> Anthony F Nicklett Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [*stamped in ink*] <,*U.S.N., Comdg.*>

<Date> Sept 17 – 1913.

<HOUR.>	<COURSE.>	<P. L.>	<SPEED.>	<WIND.>	<BAR.>	<REMARKS.>
<P.M.>						
<1>				S W.	29.31	
<2>				S W.	29.30	
<3>				S W x W	29.29	
<4>				S W x W.	29.28	
<5>				S W x W.	29.27	
<6>				S W x W	29.27	
<7>				S W x W	29.27	
<8>				S W x W	29.28	
<9>				S W x W	29.27	
<10>				S W x W	29.26	
<11>				S W x W	29.26	
<12>				S W x W.	29.26	
<A.M.>						
<1>				N E.	29.27	Underway 5 A M.
9/18. <2>				N N E.	29.27	Cleveland Breakwater lt [light]. 5^45 A M -
<3>				N x E	29.27	1^30 P M. West sister Lt [LIght]. abeam
<4>				N.	29.27	3.01 PM Toldo [Toledo] Harbor Lt [Light]. passed.
<5>				N.	29.27	Crib Lt [Light]. 3^25 P M
<6>	301°			N x E	29.27	Anchored 5^10 P M.
<7>	301°			N x E	29.27	
<8>	301°			N x E	29.27	
<9>	301°			N x E	29.27	
<10>	301°			N x E	29.26	
<11>	260°			N x E	29.25	
<12>	260°			N x E	29.27.	

<Coal at noon, on hand,> [*blank in MS*] <; consumed during 24 hours,> [*blank in MS*] <Lat.,> [*blank in MS*] <, Long.,> [*blank in MS*]
<Examined and found correct.> Anthony F Nicklett Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [*stamped in ink*] <,*U.S.N., Comdg.*>

<LOG OF THE U. S. S.> U. S. S. ESSEX, [*stamped in ink*] <,> Anthony F Nicklett O[hio] N[aval] M[ilitia] <, ~~U.S.N.~~, COMDG.>

<Date> Sept 18th 1913.

<center><NAVIGATION DATA.></center>

<HOUR.>	<COURSE.>	<P. L.>	<SPEED.>	<WIND.>	<BAR.>	<REMARKS.>
<P.M.>						
<1>	270°			N x E.	29.26	
<2>	270°			N W	29.26	
<3>	Toledo Harbour Light.			N W.	29.26	
<4>	Channel.			N W	29.26	
<5>	River.			N W	29.26	
<6>	Anchored.			N W	29.26.	
<7>						
<8>						
<9>						
<10>						
<11>						
<12>						
<A.M.>						
<1>						
<2>						
<3>						
<4>						
<5>						
<6>						
<7>						
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<9>						
<10>						
<11>						
<12>						

<Coal at noon, on hand,> [*blank in MS*] <; consumed during 24 hours,> [*blank in MS*] <Lat.,> [*blank in MS*] <, Long.,> [*blank in MS*]

<Examined and found correct.> Anthony F Nicklett Commander, O[hio]. N[aval]. M[ilitia]. Commanding. [*stamped in ink*] <,U.S.N., Comdg.>

<Date> [*blank in MS*]

<HOUR.>	<COURSE.>	<P. L.>	<SPEED.>	<WIND.>	<BAR.>	<REMARKS.>
<P.M.>						
<1>						
<2>						
<3>						
<4>						
<5>						
<6>						
<7>						
<8>						
<9>						
<10>						
<11>						
<12>						
<A.M.>						
<1>						
<2>						
<3>						
<4>						
<5>						
<6>						
<7>						
<8>						
<9>						
<10>						
<11>						
<12>						

<Coal at noon, on hand,> [*blank in MS*] <; consumed during 24 hours,> [*blank in MS*] <Lat.,> [*blank in MS*] <, Long.,> [*blank in MS*]

<Examined and found correct.> [*blank in MS*] <,U.S.N., Comdg.>

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Index: USS Essex Log Books 52-60. Compiled by Betty Lloyd

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